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ABSTRACT

This survey examined linkages between U.S. and southern African academic institutions, focusing on programs in southern African countries other than South Africa. It is based on a survey of over 500 U.S. colleges and universities in the Southern African Information Exchange (SAIE) database, as well as surveys of southern African institutions and individuals, interviews, and site visits. A total of 162 linkages, with 96 U.S. institutions and 33 southern African institutions reporting, were identified. Linkages were found to be more likely to endure when they facilitated profound personal and professional relationships, developed capacities in local institutions that could be replicated, generated processes applicable to other settings, reached out to the community, engaged industry, involved collaboration with government officials, cultivated regional collaboration, and attracted new, nonuniversity partners. The bulk of the report contains a detailed inventory of all 162 identified linkages. Fourteen appendixes provide alphabetical listings of the linkages, cross-indexed listings by academic field and type, listings of U.S.-South Africa linkages, people interviewed, and sample questionnaires. (Contains 19 references.) (MDM)

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Institute of International Education

Southern African Information Exchange
Working Paper Number 30

SUSTAINING LINKAGES BETWEEN U.S. & SOUTHERN AFRICAN UNIVERSITIES

An Analysis & Inventory

Ann McKinstry Micou
December 1995

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Sustaining Linkages between U.S. & Southern African Universities
An Analysis & Inventory

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Sustaining Linkages between U.S. & Southern African Universities

ANALYSIS

Introduction

The Southern African Information Exchange (SAIE), a project of the Institute of International Education (IIE), was created in 1986 with funding from The Ford Foundation and the Carnegie Corporation of New York. The SAIE's purpose has been to "democratize" access to information on human resource development, primarily related to South Africa. The SAIE has produced 30 working papers over the last nine years.

The most recent publication, *NGO Development Training in Southern Africa: Promoting South-South links through information sharing*, expanded the SAIE's geographic reach to the Southern African Development Community (SADC) countries, recognizing the significance for human resource development of regional cooperation, networking, and sharing of information in South-South terms as well as in North-South. Funded by the Charles Stewart Mott Foundation, with the participation of USAID's Regional Center for Southern Africa, it surveyed NGOs, both indigenous and foreign, in five countries: Botswana, Lesotho, Namibia, Swaziland, and Zimbabwe. A future report, surveying training resources in Angola, Malawi, Mauritius, Mozambique, Tanzania, and Zambia, is planned for 1996.

This current survey examines linkages between U.S. and southern African academic institutions and is a natural outgrowth of, and complement to, the SAIE's Working Paper Number 28, *Linkages at the Tertiary Level between U.S. and South African Institutions*, sponsored by the U.S. Information Agency and the W.K. Kellogg Foundation and completed in December 1994. This new report focuses primarily on U.S. linkages in southern African countries other than South Africa. There are also two indexes in the book devoted to South African linkage initiatives. One index lists U.S.-South African tertiary linkages that have been made formal since the December 1994 publication of SAIE Working Paper Number 28; the other lists South-South relationships between South African tertiary institutions and other SADC country institutions.

The sponsors of this new report, the Rockefeller Foundation and the W.K. Kellogg Foundation, have contributed extensively to higher education initiatives in southern Africa. Indeed, a large number of the scholars in southern Africa interviewed for this survey received assistance in their graduate training from these two foundations. We are grateful to both foundations for sponsoring this report, which will be distributed to all participating institutions in southern Africa and in the U.S. and to private and public donors with interest in such initiatives.

We acknowledge with thanks the members of the faculty and administration of the universities who took the time to meet with us when we visited their campuses in southern Africa. We regret that we were not able to visit all the universities in the southern African region and to learn of new linkage experiences there. Any errors or misinterpretations in the text are the responsibility of the author.

Methodology

The goal stated in the proposal for this survey was to gather data helpful for funders and universities seeking to enhance and sustain academic linkages between U.S. and southern African institutions and within the region. How, in a phrase, could they "stretch the investment" in higher education linkages?

The project's strategy was to research, produce, and disseminate an inventory of higher education cooperative relationships between U.S. and southern African institutions and to analyze selected models that contained particularly promising or fruitful mechanisms to support and sustain the linkages once the initial investment by donors had ended. The two components of the project were to include

- Descriptions of formal and informal institutional agreements between U.S. and *southern* African universities (as well as descriptions of formal and informal relationships between *South* African & *southern* African universities);
- An analysis of case studies selected from the inventory of U.S. & southern African institutional linkages, including the impact of the exchange on returned faculty and graduate students.

Information for the survey was collected through questionnaires (facsimiles appear in Appendices X, XI, and XII) with accompanying letters and through personal on-site interviews in southern Africa.

Questionnaires. A first questionnaire and explanatory letter was sent to about 500 U.S. colleges and universities in the SAIE database. All of these institutions had been surveyed by the SAIE in 1994 for *Linkages at the Tertiary Level between U.S. and South Africa Institutions*. The questions asked whether the institution had an established or planned linkage, formal or informal, with an institution in the SADC region (excluding South Africa), the type of linkage; the academic field; names of any African scholars (faculty or graduate student) who had participated in the linkage and returned to their home institutions; whether there were any mechanisms in place to provide continuity to the relationship; and who else on the campus was knowledgeable about southern African linkages. An additional question asked if any agreements with South African institutions had become formal since the publication of *Linkages at the Tertiary Level between U.S. and South Africa Institutions*.

A second questionnaire and explanatory letter was sent to about 50 individuals in 14 SADC institutions (excluding South Africa). These institutions were Agostinho Neto University in Angola, University of Botswana, National University of Lesotho, University of Malawi, University Eduardo Mondlane in Mozambique, University of Namibia, University of Swaziland, University of Dar es Salaam and Sokoine University of Agriculture in Tanzania, University of Zambia and Copperbelt University, National University of Science and Technology and the University of Zimbabwe. (We later added the University of Mauritius when the country joined the SADC in 1995.)

We asked the same set of questions about U.S. linkage partners and requested an interview on their campuses to pursue some substantive issues beyond the objective facts of the relationships. The covering letter provided additional information about the IIE and the SAIE, because these universities had not been the subject of previous SAIE surveys. A copy of *Linkages at the Tertiary Level between*

U.S. and South Africa Institutions was enclosed with the letter and questionnaire to illustrate the kind of report being developed. A separate question asked if the SADC institution had any relationships, "no matter how informal or nascent," with any South African tertiary institutions, but did not ask for details about these South-South relationships.

A third questionnaire and cover letter were sent to over 60 individuals at 21 South African tertiary institutions stored in the SAIE database. These institutions were Medical University of South Africa, Potchefstroom University for Christian Higher Education, Rand Afrikaans University, Rhodes University, University of the Northwest, University of Cape Town, University of Durban-Westville, University of Fort Hare, University of Natal, University of the North, University of the Orange Free State, University of Pretoria, University of South Africa, University of Stellenbosch, University of Venda, Vista University, University of the Western Cape, University of the Witwatersrand, and University of Zululand. (Sample questionnaires are in Appendices X, XI, XII.)

The individuals targeted at these institutions were familiar with the SAIE's working paper series and had received a copy of *Linkages at the Tertiary Level between U.S. and South Africa Institutions*. They were asked to list any relationships, "no matter how informal or nascent," with a southern African tertiary institution. Additional questions asked for type of linkage, academic fields, sources of funding, number of participants to and from the SADC country, and the benefits of and the constraints to such relationships.

Responses to questionnaires. Of the 500 U.S. institutions surveyed, 68 sent back completed forms reporting on linkages and 49 responded that they did not have linkages with southern African institutions. (A subsequent telephone campaign yielded some further data on about a dozen new linkages.)

Of the 14 southern African institutions surveyed, seven responded. Five of these were selected for the on-site follow-up, based for the most part on detailed information on their linkage available from them or their U.S. partner. During the site visits, we collected additional information on another 72 relationships with U.S. partners, some of which represent multiple activities with a single partner institution. The break down of these additional linkages is Botswana (4), Namibia (10), Swaziland (2), Tanzania (14), and Zimbabwe (42). Had we been able to visit all the campuses in the region, more linkages would almost certainly have been discovered. The difference in the age and traditions of the various universities in the region also undoubtedly affects the number of responses and breadth of linkage arrangements.

We received responses from 12 institutions in South Africa. Three reported that they did not have any links as yet, and nine reported on 61 linkages with southern African institutions. Six institutions in southern Africa reported on 28 additional linkages with South African tertiary institutions.

Interviews. The decisions about which campuses to visit in the field were based on an analysis of the responses to the questionnaires, both from the U.S. side and from the southern African side. As a result, while the Inventory represents linkages in nine SADC countries, the Analysis represent interviews with 82 people (list in Appendix X) on campuses in five SADC countries visited on a three-week field trip. The campuses visited were the Universities of Botswana (10 people), Dar es Salaam (17), Namibia (6), Swaziland (9), and Zimbabwe (40). We did not visit their counterparts in the U.S.; thus, the examples given of factors contributing to sustainability reflect primarily southern African perceptions of the key elements.

The interview schedule contained the following clusters of questions:

- *In what ways is your institution accountable for enriching the linkage(s)?* What mechanisms or systems are available at your institution to sustain and support the linkage? Which linkages have been the most enduring in a qualitative sense?

- *In what ways is your U.S. partner accountable for enriching the linkage(s)?* What services are U.S. partners offering to your institution to assist in following up, for example, with the faculty members (or graduate students) they have helped to train?

- *What has been the impact of these linkages on the professional life of the faculty members?* On the participants' ability to publish? To participate in international conferences? Did it upgrade training and research capabilities? Did it offer any new collaboration in research with a U.S. partner? Any new faculty knowledge or skills or techniques? What is the retention rate of faculty members who have participated in U.S. linkages?

- *What has been the impact of these linkages on the academic life of the students?* Did the linkage(s) enhance undergraduate and graduate instruction? Change the way students view their own education? Result in course clusters? Enhance the curriculum? Train any new graduate students as faculty for the next generation of scholars?

- *What has been the impact of these linkages on the culture of the university?* Did the linkage(s) affect the culture of the university or any university policies? Did the linkage(s) change the way the university views its approaches and tasks?

- What has been the impact of these linkages on the society in which the university functions? Did the linkage(s) affect the way the university deals with its society? With the community it serves? Did the collaboration produce research or make a contribution on national policies, such as the environment, education, health, or human rights?

The interviews took place over a three-week period. Persons interviewed were academics and administrators who had first-hand knowledge of the development of these relationships and their consequences. Some of them had received in advance the list of questions; some had not. The interviews averaged one-half hour in length, but at least one key person on each campus was interviewed more extensively. Most meetings were one-on-one, but some groups of two-to-three people were also interviewed. In some cases, not all of the protocol questions were addressed by each individual.

The interview notes were analyzed and organized according to the themes and trends that emerged. These themes were in turn analyzed to offer some conclusions about factors that contribute to sustainability.

Summary of findings from interviews

Elements found to be key for sustaining linkages are first listed and then discussed in order with examples from the interviews as illustration. Each example given in the following text refers to a specific linkage that can be found as an entry in the Inventory. The entries provide contact details for follow-up and further information.

Linkages were found to be more likely to endure when they:

- **Facilitate profound personal as well as professional relationships that continue through frequent communication and spin off into other creative and productive relationships;**
- **Develop capacity, especially training, in the local institution in ways that can be multiplied and replicated;**
- **Generate products and processes that are applicable to other settings, can attract new funding, and have a chain reaction on young scholars in future generations;**
- **Build upon the impact of the linkage on the culture of the university and devise ways to maximize the capacity-building effects;**
- **Reach out to the community to involve members, such as women and farmers, in practical applications of research to solve development problems;**
- **Engage industry through advisory and other relationships that bring new resources and offer relevant employment opportunities;**
- **Collaborate with government officials to address and affect national policy on issues like the environment, democratic processes, and the status of women;**
- **Cultivate regional collaboration and expansion by pooling intellectual resources to solve problems, such as natural resource management, disease, and food security, leading to new connections and partnerships in the region;**
- **Attract new, nonuniversity partners, introduced through mechanisms such as conferences, stemming from the common interests of the university partnerships.**

Some interpretations of sustainability

Intergenerational access. "Sustainability" in a linkage may be different from "success." One or both partner institutions can achieve their objectives and then part company. Sustainable linkages are those whose products and processes endure even after the formal linkage may have ended. The significance of linkages appears to be not so much in what they *do* as about they *leave behind* in terms of "intergenerational access" to their precious resources. Sustainability appears to lie less in what an institution or individual gets out of a linkage, and more in what it offers to it. Some of the ingredients cited in interviews are measurable (e.g., specific expertise gained) and some are harder to quantify (e.g., the quality and lasting impact of a visiting scholar).

Reproduction. Collaboration, whether through a formal partnership or an informal link, can result in outputs and outcomes that are worth more than either institution could produce alone and often themselves reproduce, sometimes with regional consequences. This

metaphor, an institutional linkage as a marriage leading toward potential reproduction, recurred throughout the interviews. Interviewees talked of linkage partners coming together in a fertile relationship (e.g., the linkage "bore fruit"); by the same token, they referred to relationships that were "top down," perhaps only paper agreements, as "sterile." Others used terms like "offshoot," "planting seeds," and "crossfertilization" to describe the results of linkages. This imagery captures the importance of linkages that provide continuity for future generations.

The following analysis of elements cited earlier as key to sustaining linkages includes specific examples drawn from interviews with southern African linkage partners.

- **Facilitating profound personal as well as professional relationships that continue through frequent communication and spin off into other creative and productive relationships**

Genesis. In many of the lasting linkages, the relationship started with a single scholar's visit to a campus in the United States, or to Africa, and resulted in a profound personal friendship based on common interests and goals. It is these professional friendships that persist and prosper. In the genesis of these linkages, it is impossible to overstate the effect of the Fulbright program. Many of these first encounters were by visiting American Fulbright scholars who sustained the linkage after returning to their campuses in the U.S. The contributions made by these scholars while at the southern African institutions were frequently referred to and lauded. The observations of one interviewee echoed many: "The Fulbright visitors are very helpful, for example, in the crossfertilization of ideas. They help us broaden our thinking and help us shape the university."

Communication. Easy, flexible communication was an underlying theme in all continuing personal relationships. Not surprisingly, those that had access to e-mail tended to flourish. For example, some of the main characteristics cited as sustaining the linkage between the **UZ Institute of Food & Nutrition** and **Michigan State University (MSU)** are working with well-known colleagues, maintaining continuity in the contacts, and keeping continuously in touch with established departments. Having a known colleague to contact for information is a significant advantage. The Institute refers questions to MSU colleagues and there is a continuing and informal exchange of information. If a problem arises that the Institute knows MSU can solve, the solution is achieved through fax and e-mail. The communication is intimate and fast, because trust between the partners has developed over a long period of time.

Referral. In addition to referring questions and problems to U.S. partners, participants turn over other responsibilities to them, because of their trust in the ability of U.S. faculty colleagues and their knowledge of the local institutions. For example, an **MSU** team of professors helped **UZ Vet Science** with interviewing candidates in the U.S. who wanted to come to UZ. The team was able to do this because it knew the UZ people so well. This practice is a measure of the quality of the U.S. professors' personality, knowledge of the UZ faculty, and UZ's trust in their ability.

Reciprocity. Partner departments with common, specialized expertise that they can practice on each other's campuses contribute towards processes that endure. For example, a representative of the **UZ African Languages** and **Florida University Gainesville** linkage developed a master's degree course on comparative Bantu linguistics at the University of Zimbabwe that has become stabilized and

functions effectively. In the same way, a UZ representative went to Florida University to launch a Shona language course there, including a course and a work book, which also has a curriculum to sustain the course.

An ingredient of enduring relationships is a deep interest in what the partner department or individual scholar is doing in terms of research topic, training, or teaching. Absent this "intellectual congress," relationships do not last nor do they produce. In the experience of the **UZ Centre for Applied Social Sciences (CASS)** with, for example, **University of California Berkeley**, the personality and ability of the scholars involved in the relationships are more important than a formal signed agreement when assessing the outcomes. Through this relationship and these qualities, outcomes have included many scholars' coming to CASS from UC Berkeley and access to important conferences. A genuine reciprocity in input and benefits continues through letters, e-mail, and visits. The productivity and success of the relationship lie in the quality of the participants and in the consequence of intellectual interest.

The **CASS** relationship with **MSU** is an example of a departmental arrangement with a visiting professor who, after teaching anthropology for six months at UZ, has continued for the succeeding five-year period to come out to UZ to conduct research that is "compatible and cognate" with CASS's own priorities and interests.

A common interest in small-scale rural farmers is a binding component of the link between **Tuskegee University** and **Sokoine University of Agriculture**, whose situation they found to be the same in both the United States and Tanzania. Even though this program may formally have ended, the link is sustained because they have established a common committee for monitoring and evaluation that continues. In addition, during the faculty-to-faculty exchange phase of the linkage, some initiatives were started that will be maintained. Currently about five research proposals exist for which they are seeking funding.

Cultural (in an intellectual, scientific sense) exchange. Interviewees spoke of the opportunities offered by linkages to experience other ways of carrying out tasks, of witnessing how the "other person" writes papers or seeks grant proposals on the one side; and, on the other, witnessing practices never seen in the U.S. For example, one **UZ Veterinary Science** contribution to the **MSU** linkage is a that U.S. students see the way UZ Vet Science does such activities as hospital rounds, ambulatory visits to the rural areas, and bringing sick animals back to the campus hospital. The U.S. visitors are enabled to observe treatment of tropical diseases, and a whole different way of operating, that they would never see in the U.S. And, by the same token, UZ students go to MSU to "imbibe" the U.S. culture.

Calibre of people involved. Participants attributed lasting relationships to a litany of personal characteristics: "He was wonderful..." "She was a dynamo..." Traits that recurred were trust, confidence in judgment, commitment, dedication, and shared vision. The vision, the dedication, and the commitment are to goals that are larger and more meaningful than individual academic success and achievement. For example, the **UZ Faculty of Agriculture** linkage with **MSU** had a shared vision of the definitions and importance of food security in the SADC region. This relationship was not one-sided, but consisted of a shared research agenda that led to the development of a much more permanent association. The fact that the relationship was based on training and policy research, rather than just faculty exchange, made it more permanent.

Synergy. When interviewees spoke of the experience of participating together in an exercise (e.g., redesigning a curriculum), they inevitably stressed the word "together." The inflection emphasized the collegiality, mentoring, and collaborative learning of these relationships. The shared experience underscores the links. For example, among many activities, the **UNISWA/OSU** link enabled the holding of two workshops (1989 and 1990), which produced two documents called "The Challenge to University Educators: the Teaching Learning Process." One contains model lesson plans, which are not prescriptive but can be modified according to the users' needs. The other shows explains practical skills. Most important, said the interviewee, they did it *together*.

Another example is found in the relationship between **UNAM/University of Montana**, which started with a member of the Department of Political & Administrative Studies' going to Montana for his master's degree. They worked on the curriculum *together*, the faculty member stated, designing the first four-year program, which will be introduced for the first time next year. (Until the University Act of 1992, UNAM had been The Academy, an umbrella over the university and the technikon.) The significance was described as in working with someone who had so much prior experience.

Referring to the **UZ Biochemistry/Purdue University** relationship, a faculty member commented on the importance of "seeing something positive through the accomplishment of your goals *together*. You actually participate *together*, write proposals *together*."

- **Developing capacity in the institution in ways that can be multiplied and replicated**

Transfer of training to local institution. Transferring training to the local institution is a recurring theme underlying capacity-building mechanisms that endure and grow. For example, in the view of the administrators of the linkage between the **UZ Medical School** and **Case Western Reserve University**, transferring the training to the local institution was the most sustainable and cost-effective approach. The program started informally in about 1990 between the Zimbabwe Ministry of Health and Case Western Reserve, with cooperation from the W.K. Kellogg Foundation. The Ministry, having identified weaknesses in the nurses' postgraduate training in all disciplines, sent senior nurses sent to Cleveland for master's degrees. Subsequently, the training capacity was transferred to the Medical School, which is now capable of training senior nurses at this level. The University of Zimbabwe Medical School Nursing Science department in conjunction with the Case Western Department of Nursing Science is responsible for this training.

The Women and AIDS Prevention project of the **University of Botswana/University of Illinois** linkage trains local women through the Botswana Women's Council. The training began in Gaborone, with institutions like banks, ministries, and university personnel and students, and then spread to the community women and the whole country. It has expanded to five districts using a method they call "peer education" and has reached 4,000 women since 1991. Leaders are trained at a Botswana Women's Council branch. The

women are divided into age groups and choose their own leaders. After their training in topics like assertiveness, negotiation skills, and communication skills, as well as the substance of AIDS education, these women go to the field, to work with a Ministry of Health Clinic Nurse in the rural areas.

UZ CASS has a linkage with **Oregon State University**, generated by visiting Fulbright lecturer, which entails a graduate year of training, not for a degree, but to "fill in the gaps" of the individual's scholarship. CASS looks for these "sandwich program" opportunities for their own students, in which the student registers for a doctorate at UZ, but goes overseas for tailormade training.

Multiplier effect. Wherever activities were seen to be synergistic, to add up to more than their component parts, to reach out into communities beyond the university campus, they were described as effective and long-lasting. For example, the **UZ Medical School/MSU** linkage was described as having been one of the Medical School's most productive. Apart from its other objectives, a main task was to train staff. Three Ph.D.s have been trained in physiology and, even more significantly, one of these scholars is now supervising two physiology students at UZ along the lines of his original study in the U.S. The students who receive their master's degrees will become lecturers.

One of the **University of Botswana/Ohio University** linkage's greatest roles was to spread through the whole county, in the form of workshops and seminars, their new methods, new styles, and "competency strategies," to upgrade teachers, using a multiplier effect. Some students were part of the "mature age entry strategy," already in the field. This is the way they met the crisis of finding teachers to staff the primary schools. The link brought in a system whereby the local people took over the training of teachers for primary schools.

- **Generating products and processes that are applicable to other settings, can attract new funding, and have a chain reaction on young scholars in future generations**

Documentation (of whatever sort) is part of the "chain process" that contributes, among other results, to younger scholars' learning from those who have led the way and demonstrates the enduring quality of a link.

Products stemming from the relationship. Each participant in the linkage between the **Women's Research & Documentation Project (WRDP)**, which is housed at **UDSM**, and the **University of North Carolina Chapel Hills's Department of African & Afro-American Studies** develops a small proposal. While in Chapel Hill, one woman scholar did a literature review for a proposal on "The Representation of Women in the Swahili Press," which she submitted to SAREC (part of SIDA) and for which she received funding.

One output of the **OSU, Penn State, UNISWA** USAID-funded linkage is "The Farmer's Handbook," published by the Ministry of Agriculture & Cooperatives Cropping Systems Research and Extension Project. It is a huge volume of specific information, simply and clearly presented.

Co-authorship. Joint publications are a familiar output of fertile relationships and feed into more research and continuing communication over a common topic or development. For example, a person from the **MSU/UZ** education and curriculum studies linkage has co-authored a book on teaching Shona as a foreign language, which is "filtering" into a number of U.S. universities.

A **Cleveland State University** professor has co-authored and published journal articles with at least three **University of Botswana** members of the Faculty of Social Science

under the aegis of the Democracy Research Project. He has assisted with access to journals in the United States. One such book, co-authored with a faculty member from the UB Department of Sociology, is called *Democracy in Botswana* and was published by MacMillan, Swaziland.

The University of Botswana School of Nursing/University of Illinois linkage has resulted in the joint publication of two papers and an article, "Knowledge of AIDS Among Botswana Women: Implications for Prevention Programs," accepted by Health Care for Women International, based in Indiana. Since 1991, the UB and UIC linkage has had abstracts published in all of the annual AIDS conference proceedings.

Institutionalization of new textbooks. The creation and dissemination of textbooks is one critical way to achieve sustainability. A participant in the **UDSM/Florida University Gainesville** had the opportunity to work on a manuscript that will be used as a text book. Called *Translation Theory and Practice*, it is the first textbook designed and tailored to use KiSwahili and English as languages of exemplification in the translation exercise.

Another example is a textbook resulting from the **UDSM/American Lutheran Consortium of Colleges (LCCT)** program. *KiSwahili for Beginners*, used for all American students who come to UDSM, applies the direct method to teaching and learning. It is a first attempt to provide selected and graded KiSwahili grammar lessons and exercises.

Self-financing mechanisms. Interviewees often alluded to lack of funds as one of the constraints to forming partnerships. Thus, programs that support themselves, such as study abroad programs, are valuable as models. Programs like the **International Student Exchange Program (ISEP)** and the **Consortium of American Lutheran (LCCT)** at the **University of Dar es Salaam**, which bring U.S. students to Africa, are self-financing. They require little external funding, so they incorporate critical mechanisms for sustainability. In addition, many southern African universities mount staff development programs and provide opportunities for their faculty members such as "contact leave" with their own funds. Many commit their own financial resources and are accountable for sustaining the linkages, rather than just "taking" from the linkage.

A desktop publishing capability, which was part of the **Sokoine University of Agriculture** and **Tuskegee** linkage, allows SUA to charge for its typesetting and to plow the fees back into the university to buy new equipment.

- **Building upon the impact of the linkage on the culture of the university and devising ways to maximize the capacity-building effects**

Issues concerning sustainability are overlapping and interrelated. Capacity-building is a theme that underlies all of the sections of this report. Training, acquisition of new expertise, exposure to new ideas, imparting new knowledge through seminars to other faculty, and establishing new traditions are inherent in continuing linkages.

Access and exposure to new ideas. Usually the first point a southern African interviewees made about linkages was the importance of being exposed to new ideas and new attitudes, because of what they described as their isolation academically from the latest developments. They expressed enthusiasm about visitors as being a "breath of fresh air" and "talking the same language."

Acquisition of new knowledge and expertise. The fields in which new knowledge has been generated through some of these linkages are vast and varied. Collaborative research has ranged from topics such as democracy in Botswana to plant pathology in Zimbabwe to parastatals in Swaziland; from tourism and handicrafts in Swaziland to rising blood pressure in urban areas in Zimbabwe to the political economy of Botswana in SADC; from management training needs for post-independent Namibia to the impact of job transfer on families in Botswana.

An example of the versatility of skills offered by the **UZ African Language & Literature Department/Florida University Gainesville** linkage is that of a participant who returned with the ability to assist another home campus department, the UZ Linguistics department. Having subsequently earned her Ph.D., she is playing an important role using the ESL skills she gained at Florida to run the Communication Skills Centre, which offers a required course for every student.

In the **University of Botswana Department of Nursing Education/UIC College of Nursing** link, the U.S. partner brought significant expertise "to the table." It was UIC's idea to make the program community-based and to test the model of self-protection. They also brought the knowledge of computers and showed the UB staff how to feed in the data. The linkage has brought a research culture to the University, so that it is not "seen as just an Ivory Tower," but as being involved in the community and solving important problems.

In the **UZ Vet Science/MSU** linkage, the research work at MSU has translated into UZ faculty's teaching. New knowledge spills over into the lectures. Returnees are able to do better literature searches. There is more time on a Contact Leave visit at MSU to attain new knowledge, where the UZ faculty find much better libraries equipped with technology such as electronic databases.

Connected to the **UDSM/ LCCT** link is fact that the Computer Centre is now utilizing new information technology by running the payroll program for the whole university and providing an e-mail facility that is expanding as more customers from outside the university subscribe to the service.

Design of new curricula. Many of the linkages result in new curricula that becomes indigenous and ingrained. For example, in an effort to build, strengthen, and improve its curriculum, the **UNISWA Department of Business Administration** has formed an Executive Advisory Committee, a body consisting of top managers and faculty, which is based on the **Cal State Poly** model. The advisers help assess the relevance of the curriculum to employment opportunities. As an involved faculty member commented, "Whether the link goes or not, this remains."

A visiting lecturer from **Purdue University** was part of a team that developed with **UZ Vet Science** faculty members a new curriculum called "Integrated Teaching for Pre-Clinical Veterinary Studies," which entails a whole new system and way of teaching. According to the UZ staff, it has been instrumental in improving faculty and student performance and continues.

When **UNISWA** started a postgraduate program in agricultural education, **OSU** made a great contribution in terms of curriculum ideas.

Adoption & adaptation of new teaching methods. In describing the new methods derived from their U.S. linkages, some interviewees referred to their earlier experience with the British tradition of teaching, which was perceived as a more formal, lecture-oriented approach. For example, the UZ Faculty of Agriculture culture was changed and affected by the **UZ Faculty of Agriculture** linkage with **MSU**. Their basic academic approaches had been based on British tradition.

It was the introduction of MSU faculty and U.S.-trained local academics into the university culture that changed the tradition in such areas as marking, continuous assessment, and recommending "taught postgraduate (M.Sc.) courses" in addition to research.

The **UZ Vet Science/MSU** linkage experience translates into the teaching. Students who go to MSU see a different way of teaching and receive a different clinical experience. A new generation of professionals is being born due to the linkage. The Deputy Dean, who received an MS from MSU in equine medicine, has kept in touch with her original contacts. She could easily have gone to Europe, but chose MSU because of the favorable experience of past colleagues.

One of the **University of Minnesota** linkage participants at **UDSM** said that the experience had changed the way he relates to students. The much more informal, accessible professor/student relationship in the U.S. has changed his approach to teaching, as well as the teaching methods, even though the equipment and facilities may not be the same at UDSM. Another participant said she gained a great deal in her approach to student and counsellor relationships. She is trying to put the theories she learned into a cultural context.

The **UNISWA Faculty of Agriculture** linkage with **OSU** introduced methods that could be adopted for teaching. With the Ministry Extension, they produced many different pamphlets for training in every field (e.g., horticulture, soil science, entomology, plant pathology, and sociology). The linkage introduced the innovation of the sociology component, in order to help researchers to understand the reasons why farmers did *not* apply certain techniques or take to certain new methods.

The exposure to a different learning system at **OU** had an important effect on a **UNISWA** faculty member. Before she went, she too had used the British system of teaching by lecturing. In the U.S., she found that they use *team work* and she is now implementing that approach. The students understand better and they are working together, which will be the case when they go into the work place. Another faculty member corroborated that the style of teaching and delivery have drastically changed. Most were using the lecture method, now they are having presentations by their students. These new approaches are apart from the new knowledge they brought back. Their new student-centered teaching has been quite popular among students and faculty.

The impact of the **University of Botswana** and **University of Ohio Athens** linkage, which started with the Primary Education Improvement Program, was multidimensional. It upgraded primary teachers, who had previously been trained by U.K. ex-patriates who lacked policy direction and knowledge of the local culture. The PIEP-trained local teachers were plowed back into the system as lecturers at PTTCs (Primary Teacher Training Centres), some as education officers with the Ministry of Education, and some working in the public education sector.

Access to new professional contacts. Many participants in linkages mentioned the importance of new professional contacts in fostering "spin-offs" from the original linkage. These new relationships include possibilities for new research collaboration and invitations to attend conferences and to give papers. Some professional contacts resulting from linkages can last for a very long time and the benefits are often reciprocal. In the field, for example, the African scholar can act as a resource person in making contacts and

arranging meetings and providing insights into the local culture. Professional connections in the region that are made through these linkages also have important, long-term effects on solving regional problems.

Most of the southern African participants in linkages with U.S. institutions are influential in terms of university policies; they tend to be in positions that require them to serve on university committees. The effects of the linkages on them, the exposure to new ways of achieving objectives and implementing new ideas and methods, are thus likely, according to them, to have an effect on university policy.

While the USAID funding to the **UNISWA** and OSU linkage ended last year, the relationship still exists and functions in a number of areas, especially, for example, in training and in the use of Ohio State University people as External Examiners, which ensures the ongoing relationship. Others also mentioned external examiners as important ways to continue professional relationships.

Experience in cultivating new sources of funds. Just as interviewees stressed the importance of linkages in feeding ideas about developing research topics and doing literature searches, so is exposure to fundraising techniques as part of a linkage experience considered an important skills acquisition.

A relationship between **UDSM** and the **Department of Social Medicine at Harvard Medical School** provided suggestions for research topics and assistance in developing funding proposals. The Carnegie Corporation of New York, the sponsor of the program, facilitated contact with other major donors in the United States.

Part of the linkage experience is meeting influential people. Through **UZ Institute of Food & Nutrition/MSU** linkage, the Director was able to meet staff at the Kellogg Foundation. This has led to organizing and presenting, with Foundation assistance, workshops on rural development. These workshops involve and influence policy makers. The latest one, in June 1995, called "Priorities for Rural Development," involved chiefs, women, rural people, and parliamentarians to discuss issues of rural development, such as how land policy affects rural development, what the role of women is, and who is in charge of the land.

The **Tuskegee/Sokoine University of Agriculture** linkage has had an impact on the culture of the university in several ways. First, it has instilled the idea that research emanates from contact with the farmers. Second, it has moved the curriculum into the rural communities, working on dairy goats. The program brings the farmers to the university, trains them, conducts follow up, and promotes farmer-to-farmer communication.

The **OU/UNISWA** link resulted in adding an extra department in the Faculty of Education. Before they started offering the primary B.Ed., there was only the secondary. The primary curriculum benefitted through the addition of new courses that are offered to B.Ed. students in areas like special education, reading, classroom management, music and movement, and practical subjects.

- **Reaching out to the community to involve members, such as women and farmers, in practical applications of research to solve development problems**

Manifestations of outreach to the community through linkages include internships in and attachments to community organizations, holding workshops in the community, and collaborative research with some of the community members.

Returned faculty from the **Sokoine University of Agriculture/Tuskegee University** linkage have an impact on training and curriculum.

Some returnees were in the areas of home economics and food and nutrition. They become involved in the outreach program with lower income families around Morogoro. This spills over onto the students. One result is the conducting of regular workshops. Students bring in their research findings from the village, so the linkage is supporting the outreach program and applied research.

If a program deriving from a linkage becomes community-based and indigenous, its sustainability is ensured. Partners in the Women and AIDS program are the **UIC College of Nursing**, the **University of Botswana Department of Nursing Education**, the Minister of Health, and the Botswana Council of Women (BCW), which is a grassroots women's organization where the project is based. It is "their project." It is really indigenous, with women in the remotest areas belonging to it. Once the BCW embraced the idea of the program, they gave it office space and housed the coordinator.

In terms of the way they do things at a professional level, the influence of the **OSU/UNISWA Faculty of Agriculture** linkage has been in teaching methodology, people active in research, and people willing to go out of the campus to provide service to the community. Specifically, when they were working on the extension side during this linkage (as opposed to the cropping systems part), they produced many pamphlets, which they took out and tested. If the farmers did not understand the materials, they were redone. Examples of pamphlet topics are plowing, sprayer calibration, soil sampling, and maize streak virus disease.

Enhancement of women's status. **UDSM** does not have a department of women's studies or gender issues, but for several years some departments have "shyly" been introducing them. In the Institute of Development Studies, there is a masters course on gender issues; now Sociology has developed a course. This change is engendered by **Women's Research & Documentation Project (WRDP)**, which has a documentation room with the biggest collection on women's issues in the country, due in part to the **University of North Carolina Chapel Hill** linkage. People from the university, government, NGOs, and town come to use this library. Through the link, they have been able to acquire documents that have enriched women's lives and roles.

A master's thesis produced at **OU** on "Tourism and Handicrafts in Swaziland" argues that if handcrafts were improved, then the informal sector could be developed, which would help to solve the problem of employment for women, which is a concern to the nation.

- **Collaboration with government individuals and ministries to address and affect national policy on issues like the environment, democratic processes, and the status of women**

Cases of including ministries in the links, such as Agriculture, Education and Higher Education, Environment & Tourism, and Health, were described as an important factor of sustainability.

Part of the success of the **UZ Medical School/Case Western Reserve University** nurses' training program is that the Ministry of Health was a party to the link. The Ministry, which is the main employer of nurses in the country, identified its manpower problem and solved it through this relationship.

The **UZ Department of Biological Sciences/University of Maryland Frostburg** linkage in marine ecology included a third party, the Department of National Parks and Wildlife Management in the Ministry of Environment & Tourism. The Department had

strong links in all government departments and could identify an ecologist if necessary. When U.S. faculty came to do research on wildlife, the Ministry could facilitate all the processes, such as getting permits. The Ministry took an active interest in what was happening in the linkage and received the results of the research to interpret and to apply in their own work.

The **UZ Faculty of Agriculture/MSU** linkage created a nucleus of researchers all dealing with topics related to food security. This provided an aspect of advocacy on food policy issues that pointed towards changes in national policy. Some of these issues related to over-production, distribution, and diversification of agro-industry activities in semi-arid areas.

A proposal underway that stems from the **Cal State Poly/UNISWA** linkage is based on work that a faculty member did at Cal State Poly on "The extent to which the strategic approach to management is applied in the operations of parastatals." This study on parastatals will have an effect on government, because it will look at ways to make them less dependent on government subventions.

As part of the **UNAM/Ohio University** relationship, a professor from OU provided technical assistance in educational leadership and planning by assisting UNAM in the development of it first five-year plan, a component of the Government of Namibia's first National Development Plan. The former OU President served as the North American Representative on the Presidential Commission on Tertiary Education.

Membership in the **Women's Research & Documentation Project (WRDP)**, which is housed at **UDSM**, and is linked to the **University of North Carolina Chapel Hills's Department of African & Afro-American Studies**, includes, in addition to some faculty and administrative staff at UDSM, professionals in the Ministry of the Education and the Institute of Adult Education, as well as independent lawyers. WRDP has always assisted in the training of people in gender issues; when their members join government agencies, they are present when these issues are being discussed. Individuals from Government and aid agencies come to WRDP for information and assistance. Wherever government ministries are addressing a gender aspect, some WRDP members will always be involved.

Because the **Tuskegee/Sokoine University of Agriculture** relationship promotes community and welfare work, the program will "trickle down" to their women-in-development programs and relevant training workshops. A representative of the Ministry of Agriculture from Morogoro is involved and their extension staff is "part and parcel" of the outreach.

The **UNISWA/Ohio University** linkage has affected national policy in the sense that the Ministry of Education, when making the budget, now has to accommodate the primary B.Ed. students. Through its primary education training, UNISWA is providing manpower to the country. So far, all of its B.Ed. students have been appointed as inspectors of primary schools and teacher leaders, which has made a strong contribution. In the past, many inspectors have not been trained, but now they are given management and administration training in the Faculty of Education. Never before have there been teachers with degrees going to primary schools.

Relevance to the needs of country. A linkage that has elements that have relevance to the needs of the country will have a greater chance for sustainability. Sensitivity to local conditions, as expressed in relevant, topical initiatives, were emphasized.

- The **UZ Faculty of Agriculture/MSU** linkage addressing issues of food security in the SADC region is relevant (and "topical") in terms of dealing with drought-related problems, with regional as well as national consequences.

The **UNISWA/Ohio University** collaboration on the repository of Swazi research material is an example of relevance to the needs of the country. Even though the formal link has ended, postgraduate students continue to choose OU for their research because a solid collection of Swazi literature is stored there. The collection includes studies from Swaziland on early childhood education and work at UNISWA in education and in-service training. While primarily in education, this documentation also includes materials related to economics, sociology, and linguistics. This repository of copies of Swazi documents is also accessible to other universities and available on Internet. The benefits of this collection return to UNISWA in the form of master's theses research.

- **Involvement of industry through advisory and other relationships that bring new resources and offer relevant employment opportunities**

Attachments and internships with industry, based on U.S. models, and other involvement with companies, have an impact on issues like employment and practical applications of academic research.

The **UZ Institute of Food & Nutrition** Internship Program in industry and the community is based on the **MSU** model, using the same mechanism and the same evaluation. The students do their internships in companies like Nestle and in NGOs like the Community Nutrition Project, as well as with the Ministry of Health. The projects at the Ministry are practical projects like the Vitamin A program, in which the students work in communities in which the population is deficient in Vitamin A. As an example of the way industry applies their research, a company came to the Institute with a sprouting wheat problem. The Institute knew whom to approach at MSU to solve the problem, someone whom it has come to know and respect through the collaboration.

In order to strengthen managerial and administrative capability in the private sector, the **UNISWA Department of Business Administration** internship program, based on a **Cal State Poly** model, consists of attachments to the private and government sector. The students stay in their attachments for three months, make presentations about their experiences on their return to campus, and attend seminars in on business issues. These internships are producing students who are more relevant to industry's needs in Swaziland.

The **UZ Department of Business Studies** has a relationship with the Coca-Cola Company through a linkage with **Clark Atlanta University** resulting in the Coca Cola-UZ Forum on Management & Marketing in Africa. This includes outreach programs, internships, and practical research on small-scale business.

The **UZ Department of Statistics** relationship with the **University of West Florida** will work with industry on the statistical aspects of quality control now that Zimbabwe has begun to export food stuffs and manufacturing goods.

UNISWA started a field attachment program through the **OSU** linkage, which program trains agriculture students in industry. The attachments are for ten weeks at a time; the program is relatively new, with the first group of 42 just graduating in 1995.

- **Seeking regional collaboration and expansion by pooling intellectual resources to solve problems, such as natural resource management, disease, and food security, leading to new connections and partnerships throughout southern Africa**

The importance of regional collaboration and sharing as a factor of sustainability was a serious theme in the interviews. Interviewees were keenly interested in conferences, workshops, publications, advocacy, research, and other activities that crossed borders in the sub-Saharan region and beyond.

Some of the issues affecting the region upon which linkages are having an impact are natural resources management, primary health care, epidemiology, food security, interrelationships of health, culture & society, and sustainable societies. Most agreed that links with South African institutions were "bound to grow" (see appendix on South-southern African links).

The nurses' master's degree training program of the **UZ Medical School** and **Case Western Reserve University** has regional scope, accepting candidates mainly from Zimbabwe, but also from Botswana, Swaziland, and Lesotho. Its training is provided at two sites in Zimbabwe, in Harare and in Bulawayo.

The **UZ Vet Science** has in progress a link through SADC that would involve the University of Zambia and Morogoro Vet School in Tanzania, as well as the University of Zimbabwe. With different areas of focus and different strengths in each institution, they are negotiating ways to work together. For example, they would be able to identify the best place among them for a postgraduate to pursue a specific specialty. They will also be able to share specific expertise; for example, a Zimbabwean epidemiologist might go to lecture in Zambia.

The food security project within the **UZ Agriculture Faculty/MSU** linkage held annual regional policy conferences on this topic from 1987 until 1993, attracting SADC officials, donors, policy-makers, and participants from countries in the region such as Tanzania, Malawi, and Zambia.

The **University of Botswana** recently held a conference in Gaborone on civil society and democracy, the interactions of state and civil society, in connection with the linkage with **Cleveland State University.** A regional meeting with participants from Zimbabwe, Lesotho, and Tanzania, its focus was on NGOs such as churches, farmers' associations, trade unions, and women's groups. The collaboration also involves joint exercises with the local chapter of the Botswana Commonwealth Parliamentarians Association and observers of the Zambia, Kenya, Mozambique, and Botswana elections.

An interdisciplinary approach to the region. A **UDSM** sociologist participated in a training program for East Africa, in which two medical doctors and two social scientists from Tanzania and Kenya attended a program at **Harvard Medical School** on the interrelationships among health, culture, and society. The aim of the program, funded by the Carnegie Corporation of New York, is to foster interdisciplinary collaborative research in the southern African region.

UZ CASS is engaged in developing a project called "Promotion of Applied Interdisciplinary Work in Natural Resource Management in Southern Africa." Partners would be universities in southern Africa having programs that build on an interdisciplinary approach to natural resource management. One is the University of the Witwatersrand; another is the Institute of Natural Resources at the University of Natal. **IUCN World Conservation Union ROSA** is the coordinator of the effort. A workshop was held at the University of Natal in October 1995 in order to plan the strategy for the program.

The **University of Minnesota MacArthur Interdisciplinary Project on Peace & International Cooperation** is exploring with the **Universities of Botswana, Eduardo Mondlane, Malawi,** and **Zimbabwe** Ph.D training and post-doctoral opportunities for African faculty at UM with UM faculty to replace them at their home universities during their U.S. training period. This new initiative in sustainable societies seeks to integrate the analysis of environmentalists and economists and to extend the analysis by looking at the local system of knowledge in the Third World and the ways in which gender, class, and ethnicity affect intergenerational access to scare resources.

International outreach. **The University of Botswana/UIC** linkage sent their data on Women and AIDS prevention to the International Council of Nurses (ICN) and WHO, followed by a presentation in Geneva along with 13 other AIDS prevention projects. At this meeting, they looked at commonalities such as what elements make the projects effective, their problems, and issues of replication.

- **Attracting new, nonuniversity partners, introduced through mechanisms such as conferences, stemming from common interests of the university partnerships**

Collaboration with international professional associations/research institutes. Models of linkages that bring together disciplinary, intellectual, and theoretical interests with nonuniversity entities were considered especially promising. Some of the areas noted in which these linkages are beginning to form were political science, engineering, physical therapy, natural resource management, law, agriculture, and science. An important vehicle for forming promising, long-term linkages is through tripartite (or more) relationships with research institutes or international professional associations. These relationships could enhance the solutions of regional problems. The following are some examples that arose during the interviews of the potential for these sorts of linkages.

When the **American Society of Civil Engineers** came to Victoria Falls in 1995 to nominate a civil engineering project for an award, this led to a relationship between the **UZ Department of Civil Engineering** and **Lawrence Technological University.**

Access to an important conference of the **International Association for the Study of Common Property** was available to **UZ CASS** through its relationship with **UC Berkeley.**

A representative of the **Rehabilitation Department** at the **UZ Medical School** attended the **American Physical Therapy Association** in June 1995, whose theme was "building bridges." A link is developing from this exposure.

Syracuse University has a linkage with the **Southern African Institute for Policy Research (SAPES) Trust** and the **UZ Faculty of Law.**

UZ Faculty of Science is in the process of setting up the **Mathematics & Sciences Institute of Southern African** (MSISA).

New relationships afforded by the **OSU/UNISWA** linkage include with the **Agricultural Technical Institute** (ATI) and the **Ohio Agricultural Research Development Center** (OARDC), a research station.

Summary of findings from questionnaires

U.S.-Southern African linkages

Overview. A total of 162 linkages, with 96 U.S. institutions and 33 southern African institutions reporting, were identified. From this array, the U.S. institution having the most linkages was Michigan State University, in its long-term, exemplary relationship with the University of Zimbabwe. Some of the other universities with multiple linkages were, alphabetically, Brown, Duke, Florida Gainesville, Minnesota, Ohio, Penn State, Purdue, Tuskegee, Virginia Polytechnic, and Wisconsin Madison. A summary of all these linkages can be found in Appendix I.

The linkage entries are presented alphabetically by country, beginning on page 25. Within each country section, the entries are presented alphabetically by respondent. Some of the entries present the same linkage, reported from each side. At the end of the country listings is a section of "multi-country" linkages with institutions in the region.

Status. Of the 162 linkages or relationships, 110 were described as already established and 52, or roughly one-third, were still in the planning stages.

Type. There were 27 types of linkages reported. Of these, visiting scholar was the most frequently mentioned (34), closely followed by collaborative research (33), faculty and student exchange (24), and faculty exchange (16). The full list appears in Appendix VI. The priority given to visiting scholars and collaborative research is reflected in the South Africa-southern African linkages.

Academic field. Respondents cited 131 different areas in which the linkages were active. This number represents specialties in larger, over-lapping academic fields. When grouped together, the largest number of linkages related to agriculture and natural resources (43), followed by business (34), health (33), science (28), and education (25). The complete cross-indexed list of academic fields and partner institutions appears as Appendix V. Agriculture and natural resources was a clear priority field for development.

U.S.-South Africa Update. Of the U.S. institutions completing the questionnaire, 18 reported on 25 linkage agreements with South African institutions that had been signed since the publication of *Linkages at the Tertiary Level between U.S. and South African Institutions* in December 1994. There was evidence in that report to suggest that new U.S. Government funding would foster additional linkages.

Faculty or graduate students. Respondents were asked to list the names of southern African faculty or graduate students who had spent more than a month on the U.S. campus and had returned to the home institution. One of the purposes of this question was to identify former linkages participants to interview on the field visits. The question yielded the names of 26 individuals, with an additional 20 names provided by Michigan State University from its linkages with the University of Zimbabwe. Of these 46 individuals, 30 were members of faculty and six were graduate students. An additional four graduate students were reported still on U.S. campuses, with five more anticipated in 1996.

Mechanisms for sustainability. The point of this question was to look for ideas about mechanisms that had been put in place to provide continuity for the linkage after the initial funding had ended. We purposely did not ask specifically about funders of linkages, although we learned in an *ad hoc* way that the Carnegie Corporation of New York, Ford Foundation, Rockefeller Foundation, W.K. Kellogg Foundation, and USIA and USAID have been major funders in the area of

Southern African higher education development and international graduate training for southern Africans.

Of the 54 respondents who responded to the question on "mechanisms," 29 made additional comments about their linkages, ten described the self-sustaining funding mechanisms of their study abroad programs, six expressed their concerns about funding, and two reported that they had not yet put any such mechanisms in place. Among the remaining responses were suggestions for better networking in the region, a model for an African-Mexican link, involvement with the employer community, and Desk Top publishing as a source of revenue. In addition, facilitation of the institutional relationship by mission groups attached to a local Methodist Church, and the creation in two instances of "research boards" on the campus to assist with fundraising, were among the mechanisms mentioned.

Additional experts. Respondents were asked to list names of individuals on their campuses who were knowledgeable in the area of linkages between U.S. and southern African institutions. The answers provided names of 51 individuals who could be tapped, for example, for further information about the region, as workshop presenters, conference speakers, or consultants.

South-Southern African linkages

Status. A total of 61 linkages were identified. Of the 61 linkages, 56 were reported as already established and five were in the planning stages. A summary of the linkages reported by South African institutions appears in Appendix III. A summary of additional linkages reported by southern African institutions with South Africa is in Appendix IV.

Type. Respondents reported 17 types of linkages. Of these, the most frequently cited were collaborative research (20), visiting scholar (16), post-doctoral study (10), and faculty and student exchange (9). A full list appears in Appendix VIII. These responses reflected the priorities of the U.S.-southern African linkages.

Academic fields. The academic field most frequently cited was science (18), including engineering, chemistry and biochemistry, microbiology, and marine ecology. The next most frequent were health (12) and the arts (12). The health field included nutrition, social aspects of AIDS, psychology, and surgery; in the arts field, music and drama, dance, and musical education. These priority fields were closely followed by human rights education and law (11). The full list appears as Appendix VII.

Sources of funds. There were 11 responses to this question about sources of funding, which included "own institution" (3), government (2), and one each for South African trust, U.S. foundation, HSRC, church, FAO, and Unesco.

Numbers of participants. Respondents reported 96 linkage participants traveling to southern Africa. The participants traveling to South Africa numbered 88.

Benefits. The overwhelming benefit was seen to be in the area of research collaboration in the region. Respondents noted the long-term sustainable effects of research collaboration, as well as the importance of sharing experiences, cultural enrichment, professional links, and contact with colleagues in an African context.

Constraints. Of the 22 responses to this questions, 17 refer to funding as the main constraint to forming linkages (two paired this with time constraints). Six people cited communication problems due to language, culture, or equipment failure. Two cited lower academic standards and different cultures and research traditions.

Conclusion

The information in this report presents a broad range of higher education cooperative initiatives in the SADC countries. It is the first time, to our knowledge, that such a catalogue of specific, detailed data has been assembled. The information is by no means definitive nor comprehensive, as anyone who has collected data of this kind can readily understand. Sending a single questionnaire to each U.S. target university cannot be expected to reach into all the corners of the institution that are engaged in southern Africa-related relationships. There is rarely a coordination point on campus. We made as broad a sweep as possible and hope that the activities documented here will lead enterprising networkers to still others.

The scope of the information in this report does provides a sound basis for a preliminary understanding of some of the actors and activities on the higher education scene in southern Africa, as well as for further work in the area, and for extensive exchange of information. It is "preliminary" primarily because one-third of the U.S.-Southern African linkages identified are still in the planning stages. It takes several years at least, according to participants, for a training and research relationship to develop and many more years for products to emerge.

Some main impressions derived from the aggregated information is that linkage initiatives between U.S.-southern African institutions appear to be on the increase, that individual faculty-to-faculty, department-to-department relationships prove the most fruitful, and that linkages developing within the SADC region, particularly around collaborative research addressing development problems, are highly valued. One campus leader's statement reflected that of many others: "We are concentrating on forging links with our own neighbors in the region."

The influence of U.S. academics on the campuses was frequently mentioned and deemed very significant to changes in the university culture. In the long run, however, as one interviewee pointed out, "the effect of U.S.-trained local academics is much more influential and instrumental in effecting and sustaining change."

Looking to the future, participants foresaw, in addition to collaboration with universities in the region, more attempts at collaboration with governments as part of a triangular relationship with the university and at collaboration with research institutes and professional associations. They foresaw more emphasis on regional collaboration on the part of European donors. They stressed research and field activities relevant to the region's needs.

The discussions with southern African participants illustrate factors leading, in their opinion, to sustainability. One lesson to be gleaned from these examples is that sustainability is not an end in itself. The research and training, the products and processes emanating from linkages, are aimed, in the final analysis, at solving a country's development needs.

It was clear that the southern African participants felt strongly that these human resource development initiatives serve a larger purpose. As one of the interviewed campus leader commented, he welcomed this survey, which "should demonstrate the impact of linkages on the quality of life, which is what development is all about."

INVENTORY OF LINKAGES BETWEEN U.S. AND SOUTHERN AFRICAN INSTITUTIONS
(EXCLUDING SOUTH AFRICAN INSTITUTIONS)

(Entries based on questionnaires received from U.S. institutions are headed with the names of those U.S. institutions; the reverse is true of entries based on questionnaires received from southern African institutions. There are some entries with corresponding information from both sides. Information on U.S.-South African linkages is reported separately in SAIE's Working Paper #28, with an update on new U.S.-South African linkages found in Appendix IX of this volume.)

BOTSWANA

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ALABAMA A&M UNIVERSITY

Southern African partner	**University of Botswana**
Contact	Professor Silitshena, Head, Department of Environmental Science Tel. 267 351 151; fax. 356 591
Status of relationship	Already established
Type of linkage	Collaborative research
Main academic fields	Agriculture and natural resources
Comments	They have not yet developed a specific mechanism to maintain the linkage, but have agreed to continue to pursue research and educational opportunities that are mutually beneficial to each institution
Contact	**Professor Tommy Coleman, Director** **Center for Hydrology, Soil Climatology and Remote Sensing** **Alabama A&M University, P.O. Box 1208, Normal, AL 35762** **Tel. 205 851 5463; fax. 5429; aamtlc@asnaam.aamu.edu**
Additional expert(s)	Dr. B. Onuma Okezie, Director of International Programs

BOWDOIN COLLEGE

Southern African partner	**University of Botswana**
Contact	Dr. S. Mpuchane, Department of Biological Sciences
Status of relationship	Already established
Type of linkage	Visiting scholar
Main academic fields	Science
Comments	This is not an institutional linkage; the Bowdoin College contact went to the University as a Fulbright lecturer/researcher and established informal relationships
Contact	**Professor Nat Wheelwright** **Bowdoin College, Brunswick, ME 04011** **Tel. 207 725 3583; fax. 3405; nwheel@bowdoin.edu**
Additional expert(s)	Dr. James Ward, Department of Mathematics

BROWN UNIVERSITY

Southern African partner	**University of Botswana**
Contact	Dr. S. Ndzinge, School of Accounting and Management Services
Comments	Hoping to establish a relationship
Contact	**Professor Barrett Hazeltine, Division of Engineering** **Brown University, Providence, RI 02912** **Tel. 401 863 2677; fax. 1157**

CALIFORNIA STATE UNIVERSITY NORTHRIDGE

Southern African partner	**University of Botswana**
Contact	Professor Lenny Ngcongco, Department of History
Status of relationship	In the planning stages
Type of linkage	Faculty and student exchange
Main academic fields	African-American studies
Comments	The University is in the early stages of trying to establish an international exchange program, including both faculty and students, with the southern

African region. The California State University contact spent a year in Gaborone as a Fulbright scholar teaching at the University of Botswana. It was at that time that they began laying the foundation for this relationship. The Department is committed and the University is willing.

Contact: **Professor Joseph E. Holloway, Department of Pan African Studies**
California State University, Northridge, CA 91330
Tel. 818 885 3311; fax. 885 3619

Additional expert(s): Professor James Dennis, Department of Pan African Studies

CENTRAL COLLEGE

Southern African partner: **University of Botswana**
Contact: Department of Politics; tel. 267 351 151; fax. 356 591; pula@ub.bw
Status of relationship: In planning stages
Type of linkage: Faculty and student exchange; visiting scholar; internship program; collaborative research
Main academic fields: Political science
Contact: **Dr. James J. Zaffiro, Department of Political Science**
Central College, Pella, IA 50219
Tel. 515 628 5123; fax. 628 5316; zaffiroj@central.edu
Additional expert(s): Dr. Virginia Coombs, Dean of the College

DUKE UNIVERSITY

Southern African partner: **National Museum Monuments and Art Gallery of Botswana**
Contact: Dr. Tjako Mpulubusi, Director, tel. 267 374 616
Private Bag 00114, Gaborone
Status of relationship: Already established
Type of linkage: Collaborative research
Main academic fields: Science (paleontology)
Comments: Initially, this linkage was funded by Duke University. It is now also funded by a private funding agency; a proposal is also before a U.S. Government agency.
Contact: **Dr. Josefina C. Tiryakian, Senior Coordinator of Programs**
Center for International Studies, Duke University
2122 Campus Drive, P.O. Box 90404, Durham, NC 27708-0404
Tel. 919 684 6442; fax. 8749; jctiryak@scpub.duke.edu
Additional expert(s): Dr. Blythe Williams, Department of Biological Anthropology and Anatomy

MONTANA STATE UNIVERSITY

Southern African partner: **University of Botswana**
Contact: Mr. Agyapong Gyekye, Lecturer, Department of Economics
Status of relationship: In the planning stages
Type of linkage: Visiting scholar; collaborative research
Main academic fields: Agriculture and natural resources (economics)
Contact: **Professor Douglas J. Young, Acting Head, Ag Economics and Economics**
Montana State University, Bozeman, MT 59717
Tel. 406 994 5622; fax. 994 4838; uaedy@trex.oscs.montana.edu

Additional expert(s): Norman Peterson, Office of International Education

PENNSYLVANIA STATE UNIVERSITY

Southern African partner: **University of Botswana**
Contact: Professor T. Tlou, Vice Chancellor
Status of relationship: Already established
Type of linkage: Faculty and graduate student exchange, joint research
Main academic fields: Anthropology; human development; family studies
Contact: **Dr. Patricia Draper, Anthropology, Human Development**
W. LaMarr Kopp, Deputy Vice President for International Programs
The Pennsylvania State University
222 Boucke Building, University Park, PA 16802
Tel. 814 865 7681; fax. 865 3336; wlk3@oas.psu.edu

PURDUE UNIVERSITY

Southern African partner: **Southern African Centre for Cooperation in Agriculture and Natural Resources Research and Professional Training (SACCAR)**
Contact: Dr. Bruno J. Ndunguru, Director and Dr. T. Anandajayasekeram, Technical Advisor, tel. 267 328 847; fax. 328 806; 10075.2511@compuserve.com
Private Bag 00108, Gaborone
Status of relationship: Already established
Type of linkage: Collaborative research
Main academic fields: Agriculture and natural resources
Comments: Contract to work with SADC staff scientists in Namibia and Botswana on agricultural economics research on the impact of sorghum production improvements in southern Africa.
Contact: **Professor John Sanders, Agricultural Economics**
Purdue University, West Lafayette, IN 47907
Tel. 317 494 4221; fax. 494 9176; sanders@agecon.purdue.edu
Additional expert(s): Katy Ibrahim, International Programs in Agriculture

SCHOOL FOR INTERNATIONAL TRAINING

U.S. partner: **Botswana Orientation Centre**
Contact: Mr. Poppy Molofe, Director, P.O. Box 1482, Gaborone
Status of relationship: Already established
Type of linkage: Study abroad
Main academic fields: Conservation and ecology
Contact: **Regional Director for Africa**
School for International Training
Kipling Road, Brattleboro, VT 05302-0676
Tel. 802 258 3286; fax. 3296; asa_africa@mcimail.com

UNIVERSITY OF BOTSWANA

U.S. partner:	**Cleveland State University**
Contact:	Dr. John Holm, Office of International Programs, Department of Political Science, tel. 216 687 4541; fax. 249 9366, Cleveland, OH 44115
Status:	Already established
Type of linkage:	Collaborative research
Academic fields:	Civil society and democracy
Comments:	The Democracy Research Project is a multidisciplinary unit within the Faculty of Social Studies.
Contact:	**Dr. Burton Mguni, Dean, Faculty of Social Studies**
Additional expert(s)	Dr. Mpho G. Molomo, Coordinator, The Democracy Research Project

UNIVERSITY OF BOTSWANA

U.S. partner:	**Cleveland State University**
Contact:	Dr. John Holm, Office of International Programs, Department of Political Science, tel. 216 687 4541; fax. 249 9366, Cleveland, OH 44115
Status:	In the planning stage
Type of linkage:	Summer school program.
Contact:	**Dr. Burton Mguni, Dean, Faculty of Social Studies**

UNIVERSITY OF BOTSWANA

U.S. partner:	**State University of New York Binghamton**
Contact:	Professor Isidore Okpewho, Chair, Africana Studies, Arts and Sciences Division, Harpur College, tel. 607 777 2635; fax. 2280 Binghamton, NY 13902-6000
Status:	In the planning stages
Type of linkage:	Student exchange; collaborative research
Academic fields:	All faculties are being consulted.
Contact:	**Dr. Brian T. Mokopakgois, Dean, Faculty of Humanities**

UNIVERSITY OF BOTSWANA

U.S. partner:	**University of Illinois Chicago (UIC)**
Contact:	Dr. Kathleen Norr, UIC College of Nursing, tel. 312 996 7940; fax. 8871
Status:	Already established
Type of linkage:	Master's degree program in nursing; training of local residents as health advocates
Academic fields:	Peer education for AIDS prevention among Botswana women
Comments:	Funding comes from the Kellogg Foundation, as part of its efforts to improve the level of preparation of health-care professional in southern Africa, and from the National Institute on Aging and USAID through "Family Health International."
Contact:	**Dr. Sheila Dinotshe Tlou, Head, Department of Nursing Education**

UNIVERSITY OF MARYLAND COLLEGE PARK

Southern African partner:	**University of Botswana**
Contact:	Professor David Kerr, Department of English
Status of relationship:	In the planning stages
Type of linkage:	Faculty and student exchange; visiting scholar
Main academic fields:	Theatre
Comments:	The contact, a former Fulbright lecturer at UB, is interested in increasing opportunities for faculty and staff in southern Africa and expects a former student from UB for an MA degree in 1997.
Contact:	**Professor Patti P. Gillespie, Department of Theatre** **University of Maryland, College Park, MD 20742-1215** **Tel. 301 405 6687; fax. 314 9599**
Additional expert(s):	Professor Carla Pedersen, Africa in the Americas Project, ESK Hall

UNIVERSITY OF NEBRASKA

Southern African partner:	**University of Botswana**
Contact:	Dr. Lucas Gakale, Director, Department of Agriculture Research (DAR)
Status of relationship:	Already established
Type of linkage:	Student exchange; collaborative research
Main academic fields:	Agriculture and natural resources (crop production/plant breeding)
Comments:	Through INTSORMIL (International Sorghum and Millet Crisp, based at University of Nebraska), they try to maintain collaborative research with funding. They also have a written proposal to fund postgraduate (six month-to-a-year) staff development to write papers, do library research, take special classes, etc. There would be only expense-covered grants. Better networking within the southern African region could occur with a special network server (e.g., Internet). This would also be a U.S. connection.
Contact:	**Professor Max D. Clegg, Department of Agronomy** **University of Nebraska** **102B KCR, Lincoln, NE 68583-0817** **Tel. 402 472 3060; fax. 3654; agro009@unlvm.unl.edu**
Additional expert(s):	Professor Dave Andrews, Department of Agronomy

LESOTHO

NATIONAL UNIVERSITY OF LESOTHO

U.S. partner:	**Clark Atlanta University**
Contact:	Dr. Trevor Turner, Dean, School of Education Tel. 404 880 8504; fax. 6081, Atlanta, GA 30314
Status of relationship:	The USIA funding ended in 1990; the participants are seeking ways to institutionalize the affiliation.
Type of linkage:	Faculty exchange
Main academic fields:	Education (curriculum and instruction).
Contact:	**Professor E.M. Sebatane, Director, Institute of Education** **National University of Lesotho** **P.O. Roma, 180, Lesotho** **Tel. 26 340 601; fax. 340 000**

THIEL COLLEGE

Southern African partner:	**National University of Lesotho**
Contact:	Professor S. Maqelepo, Chair, Department of Physics
Status of relationship	In the planning stages
Type of linkage:	Visiting scholar
Main academic fields:	Science (physics, electronics).
Contact:	**Dr. Michael Bacon, Chair, Department of Physics** **Thiel College, 75 College Avenue, Greenville, PA 16125** **Tel. 412 589 2105; fax. 2021; thielphys@shrsys.hslc.org**
Additional expert(s):	Dr. Nancy Sederberg, Dean of the College, tel. 412 589 2000

MALAWI

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BROWN UNIVERSITY

Southern African partner: **University of Malawi Polytechnic**
Private Bag 303, Chichiri, Blantyre 3
Contact: Professor James Chipeta, Department of Engineering
Status of relationship: In the planning stages
Type of linkage: Visiting scholar
Main academic fields: Business
Contact: **Professor Barrett Hazeltine, Division of Engineering**
Brown University, Providence, RI 02912
Tel. 401 863 2677; fax. 1157

FRAMINGHAM STATE COLLEGE

Southern African partner: **University of Malawi**
Contact: Dr. Busiso Chisala, Chairman, Department of Mathematics
Tel. 265 522 222; fax. 522 146; chasala@unima.wn.apc.org
P.O. Box 280, Zomba
Status of relationship: Already established
Type of linkage: Visiting scholar; library exchange
Main academic fields: Science
Comments: The Department of Mathematics faculty at the College sent 330 pounds of mathematics texts to the department in Malawi in 1995. This occurred after the Framingham contact returned from a 16-month stint as a Fulbright lecturer in Malawi. The Academic Vice President at Framingham was supportive in providing most of the postage money needed. The rest was donated by faculty members.
Contact: **Professor Betsey S. Whitman, Department of Mathematics**
Framingham State College, Framingham, MA 01701
Tel. 508 626 4785; fax. 4030; bwhitma@frc.mass.edu
Additional expert(s) Dr. Helen Heineman, Academic Vice President

INDIANA UNIVERSITY

Southern African partner: **University of Malawi**
Contact: Dr. Kings Phiri, Principal, tel. 265 522 327; fax. 523 058
Status of relationship: Already established
Type of linkage: Faculty and student exchange
Main academic fields: Education; international studies.
Contact: **Ms. Susan Carty, Program Associate**
Indiana University, Franklin Hall 311, Bloomington, IN 47405
Tel. 812 855 7557; fax. 6452; scarty@indiana.edu
Additional expert(s): Dr. Brian Winchester, Director, African Studies Program

LINCOLN UNIVERSITY OF MISSOURI

Southern African partner: **Bunda College of Agriculture, University of Malawi**
Contact: Dr. Leonard Kamwanja, tel. 265 277 222; fax. 403, P.O. Box 219, Lilongwe
Status of relationship: Already established
Type of linkage: Faculty, student and administrative exchange; nutritional research to improve health of Malawi children
Main academic fields: Health and nutrition; science; genetics/breeding to improve livestock; child nutrition and rural family
Comments: Beyond its University Development Grant, Lincoln has been awarded another Cooperative Agreement by USAID for three years additional work involving a policy project with Bunda called Agricultural Sector Assistance (ASAP) Project. It is seeking other donor funds from both sides to continue the work beyond the funding period offered by the current grants, but has not made much headway yet in this respect.
Contact: **Dr. Ikbal Chowdhury, Director, International Programs**
Lincoln University of Missouri, Jefferson City, MO 65101
Tel. 314 681 5360; fax. 5596
Additional expert(s): Dr. Helen A. Swartz, Project Coordinator
Dr. Felix Edoho, Coordinator for ASAP

TUSKEGEE UNIVERSITY

Southern African partner: **Bunda College of Agriculture University of Malawi**
Contact: Dr. Mercy Mgwira, Department of Home Economics and Human Nutrition
Tel. 265 277 222; fax. 364, P.O. Box 219, Lilongwe
Status of relationship: In planning stages
Type of linkage: Faculty exchange, collaborative research
Main academic fields: Agriculture and natural resources, food technology and technology transfer, education, science
Contact: **Dr. Suchet L. Louis, Associate Provost**
Director, Office of International Programs
Tuskegee University, Tuskegee, AL 36088
Tel. 334 727 8953; fax. 8451; slouis@acd.tusk.edu
Additional expert(s): Dr. Eloise Carter, Office of International Programs
Dr. John Lu, Co-Principal Investigator

UNIVERSITY OF MINNESOTA

Southern African partner:	**Bunda College of Agriculture University of Malawi**
Contact:	Dr. Leonard Kamwanja, Head, Animal Science Department, P.O. Box 219, Lilongwe, tel. 266 277 222; fax. 277 403
Status of relationship:	Already established
Type of linkage:	Faculty, student, and administrative exchange; collaborative research
Main academic fields:	health and nutrition of infants and children; community health; animal science/genetics of small ruminants
Contact:	**Dr. William E. Fenster, Director, International Agriculture Programs University of Minnesota, 43 Classroom Office Building, 1994 Buford Avenue, St. Paul, MN 55108 Tel. 612 624 3221; fax. 625 3111**
Additional expert(s):	Dr. William J. Boylon, Animal Science Dr. Sonia A. Patten, Family Practice and Community Health

MOZAMBIQUE

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BOSTON UNIVERSITY LAW SCHOOL

Southern African partner: **University Eduardo Mondlane (UEM)**
Contact: Theodosio Uate, former Deputy Director, Law School
Tel. 258 1 416 848; fax. 491 896
Status of relationship: Already established
Type of linkage: Visiting scholar in 4-month program on legislative drafting
Main academic fields: Law
Comments: This involves working together to design a project, funded by an outside donor, so the Law School at UEM can contribute to building Mozambique's legislative drafting capacity in the context of strengthening democratic law-making processes and the rule of law.
Contact: **Dr. Ann Seidman, Adjunct Professor**
Dr. Robert B. Seidman, Professor Emeritus
Boston University Law School
760 Commonwealth Avenue, Boston, MA 02215
Tel. 617 353 43693140; fax. 3077; aseidman@acs.bu.edu

HARVARD CENTER FOR POPULATION AND DEVELOPMENT STUDIES

Southern African partner: **University Eduardo Mondlane**
Contact: Dr. Manuel Julien, Associate to the Dean, UEM Medical School
Tel. 258 1 424 910; fax. 425 255; mjulien@med.uem.mz
Status of relationship: Already established
Type of linkage: Visiting scholar, collaborative research, short-term (two-week) training courses in specific research areas offered in the U.S.
Main academic fields: Health
Comments: Investment by outside donors complemented by investment in time at UEM is required to sustain the linkage at the monent. Institutional resources available in Mozambique would not suffice in the absence of foreign support. This linkage includes the promising option of fostering South-South linkages between Mozambique and the National Institute of Public Health in

Cuernavaca, Mexico, to train health professionals for master's degrees in the fields of Hospital Administration and Epidemiology. This linkage is attractive because the language barrier is minimal and the cost of education is less expensive than in the U.S.

Contact: **Dr. Catherine Michaud, Senior Research Associate**
Harvard School of Public Health
9 Bow Street, Cambridge, MA 02341
Tel. 617 495 0419; fax. 496 3227; cmichaud@hsphsun2.harvard.edu

LOUISIANA STATE UNIVERSITY

Southern African partner: **University Eduardo Mondlane**
Contact: Dr. Brazao Mazula, Vice Chancellor
Status of relationship: In the planning stages
Type of linkage: Collaborative research
Main academic fields: Social sciences
Comments: Louisiana State University and Agricultural and Mechanical College and the Eduardo Mondlane University (UEM) have signed a Letter of Intent in efforts to develop the Social Science Training and Research Unit at UEM. The proposal presents the framework for this mutual effort, including projected costs of the project.

Contact: **Dr. Karl A. Roider, Dean, College of Arts and Sciences**
Louisiana State University, 260 Allen Hall, Baton Rouge, LA 70803
Tel. 504 388 3141; fax. 388 6447; asroide@lsuvm.sncc.lsu.edu

Additional expert(s) Dr. James Midgley, Office of Research and Economic Development

STATE UNIVERSITY OF NEW YORK SYSTEM ADMINISTRATION

Southern African partner: **National Assembly of Mozambique and University Eduardo Mondlane**
Contact: Ms. Andrea B. Wolfe, tel. 258 1 430 485
Status of relationship: Already established
Type of linkage: Technical assistance
Main academic fields Government (legislature)
Comments: Under a USAID Cooperative Agreement, this is a pilot project "to develop the necessary services within the Assembly, which will allow it better to perform its legislative and deliberative functions."

Contact: **Dr. Cecelia Skott, Project Director, Pilot Project**
to Assist the National Assembly of Mozambique
Office of International Programs
SUNY Plaza, Albany, NY 12246
Tel. 518 443 5480; fax. 443 5126

UNIVERSITY EDUARDO MONDLANE (UEM)

U.S. partner: **University of Wisconsin Madison**
Contact: Steve Smith, Associate Director, Land Tenure Center
Status of relationship: Already established
Type of linkage: Faculty and student exchange; collaborative research
Main academic fields: Agriculture and natural resources; education
Comments: Because this link is still very recent, the University has not yet developed a

policy for sustaining the relationship. The Rector of the University gave a paper, "Linkages Revisited," at a NUFFIC Conference.

Contact: **Sandra Lopez, Director, Public Relations**
University Eduardo Mondlane
P.O. Box 257, Praca 25 de Junho, 37, Maputo
Tel. 258 1 424 429; fax. 428 411

Additional expert(s): Lourenco Dique, Desk Officer, International Cooperation

UNIVERSITY OF WISCONSIN MADISON

Southern African partner: **University Eduardo Mondlane**
Contact: Prof. Jose Negrao, Faculty of Agronomy, Tel. 258 1 741 169
Status of relationship: Already established
Type of linkage: Collaborative research
Main academic fields: Agriculture and natural resources, law, public administration
Comments: This linkage is only just beginning. Experience in other parts of the world indicate that the partner institution has to develop fundraising capacity.

Contact: **Steven G. Smith, Association Director**
Land Tenure Center, University of Wisconsin Madison
1357 University Avenue, Madison, WI 53715
Tel. 608 262 3143; fax. 262 2141; sadlshoe@macc.wisc.edu

NAMIBIA

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FLORIDA STATE UNIVERSITY

Southern African partner: **Ministry of Education**
Contact: Dr. Katoma, Permanent Secretary
Status of relationship: Already established
Type of linkage: Technical assistance (short- and long-term training)
Main cooperation fields: Curriculum and materials development; teacher and headmaster training; research and evaluation; education management information systems and planning and administration
Comments: FSU has provided technical assistance to the Ministry of Education and Culture under contract to the Government of Namibia since 1991. The overall purpose of the project is to support the Ministry in the design, implementation and monitoring g of its national basic education reform.
Contact: **Dr. Joshua Muskin, Center for International Studies**
Learning Systems Institute
Florida State University
Tallahassee, FL 32306
Tel. 904 644 5442, fax. 644 3783, jmuskin@garnet.acns.fsu.edu

OLD DOMINION UNIVERSITY

Southern African partner: **University of Namibia**
Status of relationship: In the planning stages
Main academic fields: Education.
Contact: **Dr. JoAnn S. McCarthy, Executive Director**
Office of International Programs
Old Dominion University, 219 Batten Arts and Letters

Norfolk, VA 23529
Tel. 804 683 4419; fax. 4640; jsm100f@hamlet.bal.odu.edu

Additional expert: Dr. Berhanu Mengistu, Public Administration
Dr. Dwight Allen, Educational Leadership

UNIVERSITY OF DELAWARE

Southern African partner: **University of Namibia**
Contact: Dr. Peter Katjavivi, Vice Chancellor, tel. 264 61 207 2000; fax. 2286
Status of relationship: Already established
Type of linkage: Faculty and student exchange
Main academic fields: Agriculture and natural resources; business; public administration; science; environmental policy; English language
Comments: Study abroad program planning has started. Expect to see first program beginning in the spring of 1997.
Contact: **Mr. Mark Grubb, Coordinator of Special Programs**
International Programs Office
University of Delaware, 4 Kent Way, Newark, DE 19716
Tel. 302 831 4465; fax. 6042; grubb@strauss.udel.edu
Additional expert(s): Dr. Gretchen Bauer, Political Science and International Relations

UNIVERSITY OF MARYLAND EASTERN SHORE

Southern African partner: **University of Namibia** (see below)
Contact: Prof. Keto Mshigeni, Pro Vice Chancellor, 264 61 206 3035; fax. 206 3936
Status of relationship: Already established
Type of linkage: Faculty exchange; collaborative research
Main academic fields: Agriculture and natural resources (all-encompassing)
Comments: This linkage originated with USIA funding; now exploring other funding opportunities through a variety of international donors such as Africare, USAID, and Unesco.
Contact: **Prof. Charles H. Hocutt, Director, Coastal Ecology Research Laboratory**
University of Maryland Eastern Shore, Prince Anne, MD 2153
Tel. 410 651 6029; fax. 7739
Additional expert(s): Dr. Emmanuel T. Acquah, Office of International Programs
Tel. 410 651 6192; fax. 651 6292

UNIVERSITY OF MISSOURI ST LOUIS

Southern African partner: **University of Namibia**
Contact: Professor M.O. Hinz, Law Faculty, tel. 264 61 242 421; fax. 225 336
Status of relationship: Already established
Type of linkage: Visiting scholar
Main academic fields: Law (mediation)
Contact: **Dr. Joel Glassman, Director, Center for International Studies**
University of Missouri St. Louis
8001 Natural Bridge Road, St. Louis, MO 63121-4499
Tel. 314 516 5755; fax. 6757; intlstud@umslvma.umsl.edu
Additional expert(s): Dr. George J. McCall, Sociology

UNIVERSITY OF NAMIBIA

U.S. partner:	**Auburn University**
Contact:	Dr. David Wilson, Associate Provost and Vice President for University Outreach, tel. 334 844 5700; fax. 4780
Status:	Already established
Type of linkage:	Faculty and student exchange; post-doctoral study; collaborative research; cultural exchange; consultancies
Academic fields:	Agriculture (aquaculture).
Contact:	**Dr. Itah Kandjii-Murangi, Director, International and Public Affairs Unit, Vice Chancellor's Office**

UNIVERSITY OF NAMIBIA

U.S. partner:	**Evangelical Lutheran Church of America (ELCA)**
Contact:	Dr. James M. Unglaube, Director, Colleges and Universities, tel. 312 380 2850; fax. 386 2750, 8765 West Higgins Road, Chicago, IL 60631-4194
Status:	Already established
Type of linkage:	Faculty exchange
Academic fields:	Science (mathematics); English language
Contact:	**Dr. Itah Kandjii-Murangi, Director, International and Public Affairs Unit, Vice Chancellor's Office**

UNIVERSITY OF NAMIBIA

U.S. partner:	**Mississippi Consortium for International Development (MCID)**
Contact:	Dr. Ally C. Mack, Director, International Programs, Jackson State University, tel. 601 973 3791; fax. 3388, P.O. Box 17103, Jackson, MS 39217
Status:	Already established
Type of linkage:	Faculty and student exchange; public officials, business persons, NGO leaders
Academic fields:	Business (administration); agriculture and natural resources (environment and natural resource management, agribusiness, management of modern agricultural enterprises); public administration (public policy and administration); women and leadership.
Comments:	Members of the MCID are Alcorn State University, Jackson State University, and Tougaloo College.
Contact:	**Dr. Itah Kandjii-Murangi, Director, International and Public Affairs Unit, Vice Chancellor's Office**

UNIVERSITY OF NAMIBIA

U.S. partner:	**Ohio University Athens**
Contact:	Dr. Max Evans, Professor Emeritus, College of Education Tel. 614 592 2665, fax. 614 593 0799
Status:	Already established
Type of linkage:	Technical assistance (strategic and long-range planning); faculty exchange
Academic fields:	Educational leadership and planning
Comments:	Dr. Evans assisted UNAM in the development of it first five-year plan, a component of the Government of Namibia's first National Development Plan. Former OU President Charles Ping served as the North American

Representative on the Presidential Commission on Tertiary Education. Following this, he chaired an international committee of educators to review the academic qualifications of staff at UNAM. After his retirement from the OU presidency in 1994, he spent several months in southern Africa on a Fulbright scholarship researching the role of the university in nation-building.

Contact: **Dr. Itah Kandjii-Murangi, Director, International and Public Affairs Unit, Vice Chancellor's Office**

UNIVERSITY OF NAMIBIA

U.S. partner: **Rutgers University Camden**
Contact: Dr. Ian Jacobs, Associate Provost, 609 225 6357; fax. 609 225 6495 Camden, NJ 08102
Status: Already established
Type of linkage: Faculty and student exchange; administrative exchange; collaborative research
Academic fields: Business; law; public administration
Comments: Two professionals from Rutgers spent a month in late 1995 sharing ideas on issues related to student services, student affairs and establishing a student book shop.
Contact: **Dr. Itah Kandjii-Murangi, Director, International and Public Affairs Unit, Vice Chancellor's Office**

UNIVERSITY OF NAMIBIA

U.S. partner: **Texas Southern University (TSU)**
Contact: Dr. James W. Sheldrew, Director of Development and Archivist, Mickey Leland Centre on World Hunger and Peace, tel. 713 313 4294; fax. 1981 Fort Worth, TX 76129
Status: In planning stages
Type of linkage: Faculty research and student exchange.
Contact: **Dr. Itah Kandjii-Murangi, Director, International and Public Affairs Unit, Vice Chancellor's Office**

UNIVERSITY OF NAMIBIA

U.S. partner: **University of Delaware**
Contact: Mark Grubb, Special Projects Coordinator, tel. 302 831 2852; fax. 6042 4 Kent Way, Newark, DE 19716-1450
Status: Already established
Type of linkage: Faculty and student exchange; collaborative research
Academic fields: Business; agriculture and natural resources; public administration; science; environmental policy; English language
Contact: **Dr. Itah Kandjii-Murangi, Director, International and Public Affairs Unit, Vice Chancellor's Office**

UNIVERSITY OF NAMIBIA

U.S. partner:	**University of Maryland Eastern Shore**
Contact:	Dr. Emmanuel T. Acquah, Office of International Programs Tel. 410 651 6192; fax. 6292
Status:	Already established
Type of linkage:	Faculty and student exchange; research collaboration
Academic fields:	The original linkage is expanding to all fields and is centralized in the Office of International Programs at UMES.
Contact:	**Dr. Itah Kandjii-Murangi, Director, International and Public Affairs Unit, Vice Chancellor's Office**

UNIVERSITY OF NAMIBIA

U.S. partner:	**University of Maryland Eastern Shore**
Contact:	Prof. Charles H. Hocutt, Director, Coastal Ecology Research Laboratory tel. 410 651 6029; fax. 7739
Status of relationship:	Already established
Type of linkage:	Faculty exchange
Main academic fields:	Agriculture and natural resources (environmental science)
Comments:	First visit scheduled for April 1996.
Contact:	**Prof. Erika Maass, Dean of Science** **University of Namibia** **Private Bag 13301, Windhoek** **Tel. 264 61 206 3741; fax. 3791**
Additional expert(s):	Dr. Claus Wibbelman, Department of Chemistry

UNIVERSITY OF NAMIBIA

U.S. partner:	**University of Montana**
Contact:	Professor Peter Koehn, Office of International Programs Tel. 406 243 2288; fax. 2797, Missoula, MT 59812-1699
Status:	Already established
Type of linkage:	Visiting scholar; collaborative research
Academic fields:	Public administration
Contact:	**Victor L. Tonchi, Department of Political and Administrative Studies**

SWAZILAND

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CALIFORNIA STATE POLYTECHNIC UNIVERSITY POMONA

Southern African partner: **Swaziland College of Technology (SCOT)**
P.O. Box 69, Mbabane
Contact: Mr. Obeng-Manu, Coordinator, tel. 268 42681; fax. 44521
Status of relationship: Already established
Type of linkage: Faculty and student exchange
Main academic fields: Business (administration, accounting)
Contact: **Dr. Dorothy D. Wills, Director, International Center**
California State Polytechnic University, Pomona, CA 91706
Tel. 909 869 3336; fax. 3282; ddwills@csupomona.edu
Additional expert(s): Douglas Glaeser, International Center

OHIO UNIVERSITY

Southern African partner: **Ministry of Education and University of Swaziland**
Contact: Mr. M.E. Vilakazi, Ministry of Education
Status of relationship: Already established
Type of linkage: Faculty and student exchange; collaborative research; staff development; visiting scholar; library exchange
Main academic fields: Education; international studies
Comments: OU uses student fees to send U.S. students to Swaziland and its tuition waiver system and accumulated good will to support Swazi students at OU. Earlier supported by a USAID linkage grant that is now finished, OU sustains the linkage completely on its own.
Contact: **Dr. Steve Howard, Director, African Studies**
Ohio University, Athens, OH 45701
Tel. 614 593 1834; fax. 593 1837; howards@ouvaxa.cats.ohiou.edu
Additional expert(s): Dr. C. Wesley Snyder, Center for Higher Education

PENNSYLVANIA STATE UNIVERSITY

Southern African partner: **University of Swaziland**
Contact: Dr. B.M. Dlamini, formerly Dean, Agricultural Education and Extension, now Pro Vice Chancellor
Status of relationship: Already established

Type of linkage: Faculty and graduate student exchange; materials exchange; joint research
Main academic fields: Agriculture; libraries
Comments: The formal linkage, funded by USAID, has expired; however, informal collaborative relationships continue to exist. For example, the Penn State Agriculture Department contact visited the Dean in Swaziland in the Spring of 1995.

Southern African partner: **Ministry of Agriculture and Cooperatives and University of Swaziland**
Contact: Hon. Sipho Hezekiel Mamba, Minister of Agriculture
P.O. Box 162, Mbabane

Status of relationship: Already established
Type of linkage: Technical assistance and training; materials exchange; graduate student exchange; short-term academic program
Main academic fields: Agriculture.
Contact: **Prof. J. Dean Jansma, Department of Agriculture**
W. LaMarr Kopp, Deputy Vice President for International Programs
The Pennsylvania State University
222 Boucke Building, University Park, PA 16802
Tel. 814 865 7681; fax. 865 3336; wlk3@oas.psu.edu

UNIVERSITY OF SWAZILAND

U.S. partner: **California State Polytechnic University**
Contact: Dr. Dorothy D. Wills, Director, International Center, tel. 909 869 3336; fax. 909 869 3282; ddwills@csupomona.edu

Status of relationship: Already established
Type of linkage: Faculty exchange; collaborative research; post-graduate training
Main academic fields: Business (accounting, marketing)
Comments: The linkage includes the involvement of the employer community in curriculum design, a field attachment/internship programme, and conducting tutorial sessions to undergraduates. Otherwise, the link is intended for staff and curriculum development, supply of equipment, and collaborative research.
Contact: **Professor M.A. Khan, Dean of Faculty of Commerce**

U.S.partner: **Ohio State University (OSU)**
Contact: Dr. David Hansen, International Programs, tel. 614 292 7252; fax. 292 1757, Columbus, OH 43210

Status of relationship: Already established
Type of linkage: Faculty exchange; post-doctoral study
Main academic fields: Agriculture and natural resources
Comments: There is now a Research Board that looks after all research concerns of the institution. Otherwise, the link seeks to "plan mutually beneficial exchanges and collaboration in education and agricultural sciences."
Contact: **Dr. B.M. Dlamini, formerly Dean, Agricultural Education and Extension, now Pro Vice Chancellor**
Mr. Samuel V. Mhlanga, Assistant Registrar (Planning)
University of Swaziland
Kwaluseni Campus, Private Bag Kwaluseni
Tel. 268 84011; fax. 85276

TANZANIA

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BROWN UNIVERSITY

Southern African partner:	**University of Dar es Salaam**
Contact:	Professor Penina Mlama, Chief Academic Officer
Status of relationship:	Already established
Type of linkage:	Faculty and student exchange
Main academic fields:	Unspecified
Comments:	The University has an office of international programs that handles all the administrative obligations for the relationship
Contact:	**Professor Newell Stultz, Associate Dean of Faculty** **Brown University, Providence, RI 02912** **Tel. 401 863 7416; fax. 863 1854**
Additional expert(s):	Dr. Kirstin Moritz, Director, Office of International Programs Tel. 401 863 3555; fax. 3311

GEORGE MASON UNIVERSITY

Southern African partner: **University of Dar es Salaam**
Contact: Dr. Mbonile, Head, Department of Geography
Status of relationship: In the planning stages
Type of linkage Visiting scholar; collaborative research
Main academic fields: Geography; resource assessment
Contact: **Professor Barry Haack, Department of Geography**
George Mason University, MSN 1E2, Fairfax, VA 22030
Tel. 703 993 1215; fax. 1216; bhaack@gmu.edu
Additional expert(s): Dr. Y. Lukacs, International Exchange Program, 703 993 2156

INTERNATIONAL ASSOCIATION OF UNIVERSITY PRESIDENTS

Southern African partner: **Tanzanian Medical Organisation for Peace and Health**
Contact: Dr. Charles Mkony, Professor of Medicine, Department of Surgery,
Muhimbili Medical Centre, Muhimbili Medical Centre
P.O. Box 65001, Dar es Salaam
Tel. 255 51 27081; fax. 46229
Status of relationship: Already established
Type of linkage: Visiting scholar
Main academic fields: Education (curriculum development); health; international studies (peace and disarmament)
Comments: The IAUP/U.N. Commission on Disarmament Education program on intercultural adaptation of new curricula was established in 1991. At the present the Commission is working with 32 universities in 18 countries. It sends mentors (senior scholars) to overseas campuses.
Contact: **Dr. Leland Miles, Chair**
IAUP/U.N. Commission on Disarmament Education
Tide Mill Landing 102, 2425 Post Road, Southport, CT 06490
Tel. 203 255 4269; fax. 259 8859

NORTHERN MICHIGAN UNIVERSITY

Southern African partner: **Lutheran University of Tanzania at Iringa**
P.O. Box 200, Chuo Cha Kilutheni, Iringa
Contact: Dr. Arnie Blomquist, Educational Consultant
Status of relationship: In the planning stages
Type of linkage: Faculty and student exchange; administrative exchange; distance education
Main academic fields: Education, business
Contact: **Professor Hal Dorf, Director, International Affairs**
Northern Michigan University
203 Cohodas Building, Marquette, MI 49855
Tel. 906 227 2510; fax. 227 1890; hdorf@nmu.edu

SCHOOL FOR INTERNATIONAL TRAINING

U.S. partner:	**Mweka College**
Contact:	Deo-Gratias M. Gamassa, Deputy Principal, P.O. Box 3031, Moshi
Status of relationship:	Already established
Type of linkage:	Study abroad
Main academic fields:	Wildlife, ecology, and conservation
Contact:	**Regional Director for Africa** **School for International Training** **Kipling Road, Brattleboro, VT 05302-0676** **Tel. 802 258 3286; fax. 3296; asa_africa@mcimail.com**

SOKOINE UNIVERSITY OF AGRICULTURE

U.S. partner:	**Tuskegee University**
Contact:	Dr. Suchet L. Louis, Associate Provost and Director, Office of International Programs, tel. 334 727 8953; fax. 8451; slouis@aed.tusk.edu
Status of relationship:	Already established
Type of linkage:	Faculty and administrative exchange; visiting scholar; collaborative research; outreach programs
Main academic fields:	Education (curriculum development); agriculture and natural resources (management); health (animal health and nutrition); international studies (short professional development courses)
Comments:	This linkage involves the initiation of collaborative research between faculty that calls for the faculty to seek support outside the link project and investment in money-generating activities such as Desktop Publishing, which could ultimately be self-sustaining, or professional development programs.
Contact:	**Dr Hamisi Omavi Dihenga, Coordinator SUA/TU Linkage Project** **Sokoine University of Agriculture** **P.O. Box 3044, Morogoro** **Tel. 255 56 4053/4549; fax. 3718**
Additional expert(s):	Nicholas T. Bangu, Dean, Faculty of Agriculture

TALLADEGA COLLEGE

Southern African partner:	**University of Dar es Salaam**
Contact:	Dr. Abdul Sheriff, History Department and Curator of the Zanzibar Museum, P.O. Box 116, Zanzibar, tel. 30342
Status of relationship:	Already established
Type of linkage:	Professional friendships with the hope of establishing an institutional linkage
Main academic fields:	Education (curriculum development); business; international studies (history, sociology); science (medical research); literature and language; mass communications
Contact:	**Professor Susan G. Matthews** **Communications and Study Abroad Officer** **Talladega College, 627 West Battle Street, Talladega, AL 35160** **Tel. 205 761 6347; fax. 362 2268**
Additional expert(s):	Dr. Kojo Quartey, Dean, Division of Business and Administration Dr. Art Bacon, Dean, Division of Science and Mathematics

TUSKEGEE UNIVERSITY

Southern African partner:	**Sokoine University of Agriculture (SUA)**
Contact:	Dr. Hamisi O. Dihenga, Project SUA Coordinator, tel. and fax. 255 56 3718
Status of relationship:	Already established
Type of linkage:	Faculty and administrative exchange; post-doctoral study; collaborative and joint research
Main academic fields:	Education; small business; agriculture and natural resources; environmental science; animal/poultry science; biotechnology
Contact:	**Dr. Suchet L. Louis, Associate Provost** **Director, Office of International Programs** **Tuskegee University, Tuskegee, AL 36088** **Tel. 334 727 8953; fax. 8451; slouis@acd.tusk.edu**
Additional expert(s):	Dr. Eloise Carter, Office of International Programs Dr. Arthur Siaway, TU Project Coordinator

UNIVERSITY OF CALIFORNIA LOS ANGELES

Southern African partner:	**University of Dar es Salaam**
Contact:	Dr. Rwekaza Mukendala, Head, Department of Political Science Tel. 263 4 43501; fax. 43195
Status of relationship:	Already established
Type of linkage:	Faculty exchange
Main academic fields:	Education (curriculum development); political science; Swahili/African literature
Contact:	**Dr. Edmond J. Keller, Director** **James S. Coleman African Studies Center** **University of California, Los Angeles, CA 90024-1310** **Tel. 310 825 3686; fax. 206 2250; keller@polisci.sscnet.ucla. edu**
Additional contacts:	Muadi Mukenge and Kathleen Wroebel, African Studies Center

UNIVERSITY OF DAR ES SALAAM

U.S. partner:	**Brown University**
Contact:	Dr. Kirstin Moritz, Director, Office of International Programs Tel. 401 863 3555; fax. 3311
Status:	Already established
Type of linkage:	Study abroad; faculty and student exchange
Comments:	Students come to UDSM for one academic year, through a crediting system is used whereby Brown deposits an agreed amount of money in U.S. dollars into a Special Fund at Brown. Students under this program learn the KiSwahili language.
Contact:	**Professor A.G. Ishumi, Director of Postgraduate Studies**

UNIVERSITY OF DAR ES SALAAM

U.S. partner:	**Brown University**
Contact:	Professor John Savage, Computer Science Department Tel. 401 863 7600; fax. 7657
Status:	Already established

Type of linkage: Visiting scholar; technical assistance (materials, equipment, advice)
Academic fields: Computer science
Contact: **Dr. Beda Mutagahywa, Director, Computing Centre**

UNIVERSITY OF DAR ES SALAAM

U.S. partner: **Columbia University**
Contact: Dr. George Bond, Director, Institute of African Studies
Tel. 212 854 4633, fax 854 4639, New York, NY 10027
Status: Already established
Type of linkage: Visiting scholar at Teachers' College
Academic fields: African language and linguistics
Contact: **Professor Mlacha, Director, Institute for KiSwahili Research**

UNIVERSITY OF DAR ES SALAAM

U.S. partner: **Connecticut College**
Contact: Professor Marion Doro, Director, Study Abroad Program
Tel. 203 439 2021, fax 5419, P.O. Box 5457, New London, CT 06320
Status: Already established
Type of linkage: Study abroad
Comments: This is a new program, 1995-96 is the first year of operation. The College sends about 15 students for one term, who are be accommodated in the Halls of Residence. Students pay appropriate fees. Two Connecticut College Professors accompany them, who are regarded as members of UDSM faculty and are provided with office, housing, etc. Connecticut College accommodates two UDSM staff in one academic year for a period not exceeding one semester to study in their own field of specialization, do library research, and lecture. Costs involved, including air fare, living allowance, and housing are met by Connecticut College.
Contact: **Professor A.G. Ishumi, Director of Postgraduate Studies**

UNIVERSITY OF DAR ES SALAAM

U.S. partner: **Consortium of American Lutheran Colleges (LCCT)**
Contact: Dr. Janet Moore, Assistant Director, Center for International Programs
Tel. 206 535 7629; fax 8752
Pacific Lutheran University, Tacoma, WA 98447-0003
Status: Already established
Type of linkage: Student and faculty exchange
Comments: U.S. students come for a period ranging from mid-August to December every year and UDSM staff visit the U.S. from January to May. U.S. students pay their home campus tuition, room and board fees to LCCT. LCCT, in turn pays the receiving U.S. receiving institution a sum that covers all expenses and airfare for the visiting scholar from Tanzania. The exchange ratio is two U.S. to one UDSM. The Institute of KiSwahili Research offers a course to U.S. students for about three weeks before the beginning of the academic year (October). Fees for this purpose are paid directly to the Institute. Students complete their academic studies by direct enrollment into regular UDSM courses.
Contact: **Professor A.G. Ishumi, Director of Postgraduate Studies**

UNIVERSITY OF DAR ES SALAAM

U.S. partner:	**Hampton University**
Contact:	Dr. I.T. Urasa, Chairman, Department of Chemistry Tel. 804 727 5396; fax 5604, Hampton, VA 23668
Status:	Already established
Type of linkage:	Summer-long research for students and faculty
Academic fields:	Environment
Comments:	This cooperative relationship began in 1990, when the Hampton University contact went to UDSM on a National Science Foundation scholarship. There is now a memo of understanding that will form an umbrella for other programs, in addition to the summer-long research, which is planned over three years. The participating students are sponsored by the National Institutes of Health.
Contact:	**Professor M.H.H. Mkunya, Chair, Department of Chemistry**

UNIVERSITY OF DAR ES SALAAM

U.S. partner:	**Harvard Medical School**
Contact:	Professor Kris Heggenhougen, Department of Social Medicine Tel. 617 432 2561; fax 2565, Boston, MA 02115 Director of Health and Behavior Research Training Program for East Africa
Status:	Already established
Type of linkage:	Visiting scholar; collaborative research
Academic fields:	Interrelationships among health, culture and society
Contact:	**Dr. M.K. Leshebari, Head of Department of Behavioural Science, Muhimbili University College of Health Sciences, Coordinator, Social Sciences and Medicine Group** **Dr. Felicien Sosthenes Tungaraza, Department of Sociology**

UNIVERSITY OF DAR ES SALAAM

U.S. partner:	**International Student Exchange Program (ISEP)**
Contact:	Ms. Mary Ann Grant, Executive Director, tel. 202 965 0550; fax. 0405; isep@guvax.georgetown.edu 3222 N. Street, N.W., Suite 400, Washington, DC 20007-2849
Status:	Already established
Type of linkage:	Study abroad
Comments:	The membership is made up of universities in the U.S. and other parts of the world. The exchange ratio is one-to-one. Students spend a year and are normally undergraduates, while students from UDSM are senior staff selected for staff development programs lasting one-and-a-half years. U.S. students are exempted from tuition and residential fees and receive a meal allowance from UDSM once per term. UDSM students are paid a stipend and exempted from paying tuition.
Contact:	**Professor A.G. Ishumi, Director of Postgraduate Studies**

UNIVERSITY OF DAR ES SALAAM

U.S partner:	**University of California at Davis**
Contact:	Dr. Jess W. Phelan, Sponsored Research Administrator, 410 Monk Hall Tel. 916 752 0265; fax. 752 5432, Davis, CA 95616
Status of relationship:	In the planning stages
Type of linkage:	Faculty exchange; visiting scholar; collaborative research
Main academic fields:	Mechanical and agricultural engineering
Comments:	The Faculty of Engineering has established a consulting unit, the Bureau for Industrial Cooperation (BICO), through which funds are raised as supplementary income for staff (staff retention) as well as funds to support cooperative and motivational activities.
Contact:	**Professor P.N. Materu, Dean, Faculty of Engineering** **University of Dar es Salaam, P.O. Box 35131, Dar es Salaam, Tanzania** **Tel. 255 51 43753; fax. 43380; materu@unidar.gn.opc.org**
Additional expert(s):	Mrs. N. Grace Mshigeni, Cooperation, Links and Projects Officer, Director of Postgraduate Studies

UNIVERSITY OF DAR ES SALAAM

U.S. partner:	**University of Florida Gainesville**
Contact:	Dr. Richard Downie, Associate Director, Office of International Studies and Program, 904 392 5323; fax. 5575 P.O. Box 116580, Gainesville, FL 32611-6580
Status:	Already established
Type of linkage:	Study abroad, visiting faculty at University of Florida
Comments:	UF brings short-term students to the UDSM. Under this arrangement, a crediting system is used whereby an agreed amount is deposited in U.S. dollars in a Special Fund in Florida to support UDSM academic staff on staff development programs in which scholars spend three-and-one-half months at Florida either to finalize their dissertation, or work on their literature review, to get access to research/library facilities that are not available at UDSM. U.S. students are paid a meal allowance and exempted from residential and tuition fees, while UDSM nominees are provided with airfare, settling-in allowance and monthly stipend.
Contact:	**Professor A.G. Ishumi, Director of Postgraduate Studies**

UNIVERSITY OF DAR ES SALAAM

U.S. partner:	**University of Florida Gainesville**
Contact:	Professor Peter Schmidt, Center for African Studies Tel. 904 392 4490, fax. 2435, P.O. Box 116580, Gainesville, FL 32611-6580
Status of relationship:	Already established
Type of linkage:	Faculty exchange; curriculum development
Main academic fields:	African languages
Contact:	**Dr. S.A.K. Mlacha, Director, Institute for KiSwahili Research**

UNIVERSITY OF DAR ES SALAAM

U.S. partner:	**University of Florida Gainesville**
Contact:	Professor Scott E. Smith, Department of Civil Engineering Tel. 904 392 4990, fax. 4957, P.O. Box 116580, Gainesville, FL 32611-6580
Status of relationship:	Already established
Type of linkage:	Faculty exchange; visiting scholar; post-doctoral study
Main academic fields:	Civil engineering
Comments:	The Faculty of Engineering has established a consulting unit, the Bureau for Industrial Cooperation (BICO), through which funds are raised as supplementary income for staff (staff retention) as well as funds to support cooperative and motivational activities.
Contact:	**Professor P.N. Materu, Dean, Faculty of Engineering** **University of Dar es Salaam, P.O. Box 35131, Dar es Salaam, Tanzania** **Tel. 255 51 43753; fax. 43380; materu@unidar.gn.opc.org**
Additional expert(s):	Mrs. N. Grace Mshigeni, Cooperation, Links and Projects Officer, Director of Postgraduate Studies

UNIVERSITY OF DAR ES SALAAM

U.S. partner:	**University of Minnesota**
Contact:	Ms. Heidi M. Soneson, Program Director, The Global Campus Tel. 612 625 2571; fax. 626 8009
Status:	Already established
Type of linkage:	Student exchange
Comments:	The International Reciprocal Student Exchange Program (IRSEP) is an exchange program between UDSM and the University of Minnesota, which has been going on since 1984-85. The terms of the operation are reciprocal. Minnesota sends one student to UDSM, who is exempted from residential and tuition fees and paid an allowance. The same applies to the UDSM student each year. Both UM and UDSM students pay airfare.
Contact:	**Professor A.G. Ishumi, Director of Postgraduate Studies**

UNIVERSITY OF DAR ES SALAAM

U.S. partner:	**University of North Carolina at Chapel Hill**
Contact:	Professor Julius Nyangoro, Department of African and Afro-American Studies Tel. 910 962 1513; fax. 2694, Chapel Hill, NC 27599-3395
Status:	Already established
Type of linkage:	Collaborative research and faculty and administrative exchange with the Women's Research and Documentation Project (WRDP).
Contact:	**Dr. Imani Swilla, Department of Foreign Languages and Linguistics**

WINSTON-SALEM STATE UNIVERSITY

Southern African partner:	**University of Dar es Salaam**
Contact:	Dr. Marjorie Mbilinyi, Social Sciences, tel; 255 51 20220; fax. 38573
Status of relationship:	In the planning stages
Contact:	**Dr. Olasope O. Oyelaran, Coordinator of International Programs** **Winston-Salem State University** **P.O. Box 13213, Winston-Salem, NC 27110** **Tel. 910 750 2306; fax. 2459**
Additional expert(s):	Dr. Everette I. Witherspoon Vice Chancellor, Academic Affairs

ZAMBIA

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DAVIDSON COLLEGE

Southern African partner:	**Mwandi Community** (hospital, preschool, public school, hospital, United Church of Zambia
Contact:	Chief Inyambo Yeta, Chief of the Lozi; Dr. Salvador de la Torre, hospital physician
Status of relationship:	In the planning stages
Type of linkage:	Service/learning/internship program
Comments:	In January 1995, three Davidson faculty members visited Mwandi; as a result, three students worked as interns in the summer of 1995, tutoring and helping in the hospital. Next summer, six students and one faculty member will spend six weeks in Mwandi and will add an academic research project component.
Contact:	**Professor Janet H. Shannon, Department of Anthropology and Sociology** **Davidson College, Davidson, NC 28036-1719** **Tel. 704 892 2000; fax. 2005; jashannon@davidson.edu**
Additional expert(s):	Mrs. Carolyn Ortmayer, Coordinator, Study Abroad Program

ELIZABETHTOWN COLLEGE

Southern African partner:	**University of Zambia**
Contact:	Francis Kasoma, Head, Department of Mass Communication Tel. 260 1 213 221; fax. 253 952
Status of relationship:	In planning stages
Type of linkage:	Visiting scholar; library exchange
Main academic fields:	Mass communications
Comments:	To date, U.S. faculty has gone to Zambia. There are no specific written agreements at this time.
Contact:	**Professor Robert C. Moore, Department of Communications** **Elizabethtown College** **One Alpha Drive, Elizabethtown, PA 17022-2298** **Tel. 717 361 1262; fax. 1180; moorerc@vax.etown.edu**

INTERNATIONAL ASSOCIATION OF UNIVERSITY PRESIDENTS

Southern African partner: **Evelyn Hone College**
Contact: Joseph P. Kalunga, Principal, fax. 260 1 253 382, P.O. Box 30029, Lusaka
Status of relationship: Already established
Type of linkage: Visiting scholar
Main academic fields: Education (curriculum development), health, international studies (peace and disarmament)
Comments: The IAUP/U.N. Commission on Disarmament Education program on intercultural adaptation of new curricula was established in 1991. At the present the Commission is working with 32 universities in 18 countries. It sends mentors (senior scholars) to overseas campuses.
Contact: **Dr. Leland Miles, Chair**
IAUP/U.N. Commission on Disarmament Education
Tide Mill Landing 102, 2425 Post Road, Southport, CT 06490
Tel. 203 255 4269; fax. 259 8859

TUSKEGEE UNIVERSITY

Southern African partner: **University of Zambia**
Contact: Dr. Andrew Siwela, Vice Chancellor, tel. 260 1 252 258, 253 952
Status of relationship: In the planning stages
Type of linkage: Faculty exchange; collaborative research
Main academic fields: Education; agriculture and natural resources; science; technology transfer
Contact: **Dr. Suchet L. Louis, Associate Provost**
Director, Office of International Programs
Tuskegee University, Tuskegee, AL 36088
Tel. 334 727 8953; fax. 8451; slouis@acd.tusk.edu
Additional expert(s): Dr. Eloise Carter, Office of International Programs

UNIVERSITY OF ZAMBIA

U.S. partner: **University of Florida Gainesville**
Contact: Leonard Rhine, Ph.D, Medical Librarian, Health Science Center Library
Tel. 904 392 4014; fax.2565; lenny@library.health.ufl.edu
P.O. Box 116580, Gainesville, FL 32611-6580
Status of relationship: Established April 1992; ongoing
Type of linkage: Library exchange
Main academic fields: Health
Comments: The Medical Library sources health information on CD-ROM databases and publishes the Zambia Health Information Digest. The University of Florida Health Sciences Center Library provides photocopies of full text articles with support from the Health Foundation. The Library supplies articles for the Zambia Health Information Digest and a clinical reprint collection and donates medical books and journals. Government is expected to take over funding for the project at some time.
Contact: **Regina Cammy Shakakata, Medical Librarian**
University of Zambia Medical Library, P.O. Box 50110, Lusaka
Tel. 260 1 250 801; fax. 250 753; medlib@puku.unza.zm
Additional expert(s): Mr. Ignatius Lungu, Assistant Medical Librarian

VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

Southern African partner:	**University of Zambia**
Contact:	Dr. Mapopa Mtonga, Centre for the Arts
Status of relationship:	In the planning stages
Type of linkage:	Faculty and student exchange; visiting scholar; collaborative research
Main academic fields:	Performing arts
Comments:	The visit of Dr. Mtonga to Virginia Tech was financed by USIS; no funding is currently available for follow-up visits and exchanges.
Contact:	**Ms. Rose-May Guignard, Research Assistant** **University Office of International Programs** **Virginia Tech, 134 Burruss Hall, Blacksburg, VA 24061-0265** **Tel. 540 231 6167; fax. 5750; guignrad@vy.edu**
Additional expert(s):	Dr. Patrick Liverpool, Vice Provost for International Programs

ZIMBABWE

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ANDREWS UNIVERSITY

Southern African partner: **Solusi University**
Contact: Dr. Harold Peters, Pro Vice Chancellor, Academic Administration
Tel. 263 9 183 017; fax. 172 302, Private Bag T 5399, Bulawayo
Status of relationship: Established ten years ago; continuing until 1997
Type of linkage: Degree-granting
Comments: Solusi University teaches and grants degrees undergraduates on behalf of Andrews University; a Master's in Pastoral Ministry is offered through Andrews University's Seventh Day Adventist Seminary
Contact: **Dr. Merlene Ogden, Dean for Affiliations and Extensions**
Andrews University, Berrien Springs, MI
Tel. 616 471 3338; fax. 3246

CALIFORNIA STATE UNIVERSITY

Southern African partner: **University of Zimbabwe**
Contact: Dr. Wacira Gethaiga; wgethaiga@fullerton.edu; Director
Status of relationship: Already established
Type of linkage: Student exchange
Main academic fields: International studies
Contact: **Dr. Richard Sutter, Office of International Programs**
California State University
400 Golden Shore, Suite 318, Long Beach, CA 90802-4275
Tel. 310 985 2831; fax. 2841

CHATFIELD COLLEGE

Southern African partner: **University of Zimbabwe**
Contact: Dr. Jameson Kurasha, Chairman, Department of Religious Studies, Classics and Philosophy, tel. 263 4 303 211, ext. 1248; fax. 303 407; rscp@esanet.zw
Status of relationship: In planning stages
Type of linkage: Visiting scholar (Fulbright lecturer)
Main academic fields: Classics; philosophy; religious studies
Comments: Nothing has been formalized at this point, but the College hopes to host Zimbabwean colleagues as future opportunities arise.
Contact: **Dr. Robert Gervasi, Dean of Academic and Student Affairs**
Chatfield College, 20918 State Route 251, St. Martin, OH 45118
Tel. 513 875 3344; fax. 875 3912; jmckee@tso.cin.ix.ne

CLAFLIN COLLEGE

Southern African partner: **Africa University**
Contact: Dr. J.W. Kurewa, Vice Chancellor, tel. 263 20 61611; fax. 61785
P.O. Box 1320, Mutare
Status of relationship: In the planning stages
Type of linkage: Faculty and administrative exchange; internship program; collaborative research
Main academic fields: Business; international studies; science; computer science
Contact: **Professor Harpal S. Grewal, Chair**

Department of Business Administration
Claflin College, Orangeburg, SC 29415
Tel. 803 535 5205; fax. 531 2860

Additional expert(s): Dr. Scott, English Department

DUKE UNIVERSITY

Southern African partner: **University of Zimbabwe**
Contact: Department of Political and Administrative Studies
Status of relationship: Already established
Type of linkage: Faculty exchange
Main academic fields: Education; international studies
Comments: At present, funding of visits of UZ faculty to Duke are allocated on an *ad hoc* basis as part of the Center's Visiting Faculty Program.
Contact: **Dr. Josefina C. Tiryakian, Senior Coordinator of Programs**
Center for International Studies, Duke University
2122 Campus Drive, P.O. Box 90404, Durham, NC 27708-0404
Tel. 919 684 6442; fax. 8749; jctiryak@scpub.duke.eud
Additional expert(s): Professor Sheridan Johns, Department of Political Science

INDIANA UNIVERSITY

Southern African partner: **Zimbabwe College of Music**
Contact: Dr. Neil Chapman, tel. 263 4 700 916; fax. 723 863
Status of relationship: Already established
Type of linkage: Faculty exchange
Main academic fields: Ethnomusicology
Contact: **Ms. Susan Carty, Program Associate**
Indiana University, Franklin Hall 311, Bloomington, IN 47405
Tel. 812 855 7557; fax. 6452; scarty@indiana.edu
Additional expert(s): Dr. Brian Winchester, Director, African Studies Program

KALAMAZOO COLLEGE

Southern African partner: **Africa University**
Contact: Dr. J.W. Kurewa, Vice Chancellor, tel. 263 20 61611; fax. 61785
P.O. Box 1320, Mutare
Status of relationship: In the planning stages
Type of linkage: Student exchange
Main academic fields: Environmental studies
Comments: This relationship is still in the talking stages. The College contact made another trip there in the fall of 1995.
Contact: **Dr. Michael Vande Berg, Director, Center for International Programs**
Kalamazoo College, Kalamazoo, MI 49008
Tel. 616 337 7133; fax. 7400; vandeber@kzoo.edu

LINFIELD COLLEGE

Southern African partner: **Africa University**
Contact: E.T. Bangura, Tel. 263 20 61611; fax. 61785, P.O. Box 1320, Mutare
Status of relationship: In the planning stages
Type of linkage: Exploring exchange, hosting January term programs
Main academic fields: Business; general Liberal Arts, Religious Studies
Comments: Africa University is a newly founded pan-African institution related to the United Methodist Church. The Linfield College students are in correspondence with students in the School of Theology and the College is just beginning to explore exchange models.
Contact: **Dr. Vivian Bull, President**
Linfield College, 900 S. Baker, McMinnville, OR 97128-6894
Tel. 503 434 2408; fax. 434 2215; e-mail. bull@linfield.edu

MICHIGAN STATE UNIVERSITY (MSU)

Southern African partner: **University of Zimbabwe**
Contact: Professor G.L. Chavunduka, Vice Chancellor
Status of relationship: Already established
Type of linkage: Faculty and student exchange; administrative exchange; visiting scholar; library exchange; post-doctoral study; internship program; collaborative research; library strengthening; veterinary and medical clinicianships
Main academic fields: Education; agriculture and natural resources; geography; health; international studies; science; political science; sociology; nutrition; economics; linguistics
Comments: This linkage has been sustained by long-term mutual commitments of MSU and UZ over about 13 years. Many of the linkages come from long-term knowledge of each other and commitment to use personal and institutional resources in support of the department, faculty and student needs. Many university assistantships, fellowships, supplies and service fund and personal resources have been devoted to the linkage, including contact visit travel funds of the UZ departments.
Contact: **Professor David Wiley, Director, African Studies Center**
Michigan State University
100 International Center, East Lansing, MI 48824-1035
Tel. 517 353 1700; fax. 432 1209; wiley@msu.edu
Additional expert(s): Dr. John Metzler, African Studies Center, tel. 517 432 2148; fax. 432 1209; metzler@msu.edu

NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY (NUST)

U.S. partner: **California State Polytechnic University Pomona**
Contact: Dr. James G. Kamusikiri, tel. 714 869 2290; fax. 4535
Status of relationship: Already established
Type of linkage: Faculty, student and administrative exchange; visiting scholar; library exchange; internship program; collaborative research; university development; outreach; alumni, community and industry relations
Main academic fields: Business; public administration; science; technology; library collaboration
Comments: The agreement was signed in July 1994.
Contact: **Professor P.M. Makhurane, Vice Chancellor**
National University of Science and Technology

P.O. Box 346, Bulawayo
Tel. 263 9 74626; fax. 76804; makhurane@nust.stellar.zw

Additional expert(s): Professor C.N. Nyathi, Pro Vice Chancellor

NORTHERN MICHIGAN UNIVERSITY

Southern African partner: **Africa University**
Contact: Prof. Lowell Kafer, Department of Education, P.O. Box 1320, Mutare
Status of relationship: In the planning stages
Type of linkage: Faculty and student exchange; administrative exchange; distance education
Main academic fields: Education; business; international studies
Contact: **Professor Hal Dorf, Director, International Affairs**
Northern Michigan University
203 Cohodas Building, Marquette, MI 49855
Tel. 906 227 2510; fax. 227 1890; hdorf@nmu.edu

PENNSYLVANIA STATE UNIVERSITY

Southern African partner: **University of Zimbabwe**
Contact: Dr. Zanga Zinvemba, Registrar
Status of relationship: Already established
Type of linkage: Data and materials exchange; graduate student exchange; technical assistance
Main academic fields: Business; administration; agriculture
Comments: The formal linkage, funded by USIA and USAID, has expired, however, informal collaborative relationships exist. For example, the Penn State Agriculture Department contact visited the Dean in Zimbabwe in the Spring of 1995.
Contact: **Prof. J. Dean Jansma, Department of Agriculture**
W. LaMarr Kopp, Deputy Vice President for International Programs
The Pennsylvania State University
222 Boucke Building, University Park, PA 16802
Tel. 814 865 7681; fax. 865 3336; wlk3@oas.psu.edu

PURDUE UNIVERSITY

Southern African partner: **Africa University**
Contact: Dean A. Muphuru, Faculty of Agriculture, tel. 263 20 60075; fax. 61785
P.O. Box 1320, Mutare
Status of relationship: Already established
Type of linkage: Faculty and student exchange; visiting scholar; collaborative research
Main academic fields: Agriculture and natural resources
Comments: A cooperative agreement, signed in July 1995, indicates their intention to work collaboratively in multiple dimensions in the agricultural, food and natural resources arenas. Part of the institutional relationship is facilitated by mission groups attached to local Methodist Church congregations. They have formed a unique public/private partnership in this regard.
Contact: **Professor David Sammons, Associate Dean of Agriculture and**
Director, International Programs in Agriculture
Purdue University, West Lafayette, IN 47907
Tel. 317 494 8466; fax. 494 9613; djs@admin.agad.purdue.edu

Additional expert(s): Ms. Katy Ibrahim, International Programs in Agriculture
Dr. John Huie, Vice President, State Relations
Dr. William Masters, Agricultural Economics

SAN JOSE STATE UNIVERSITY

Southern African partner: **University of Zimbabwe**
Contact: Mr. F.S. Mhlanga, Computer Science Department, tel. 263 4 303 211; fax 732 828; fortune@zimbix.uz.zw
Status of relationship: Already established
Type of linkage: Visiting scholar
Main academic fields: Computer science
Comments: The contact at SJSU was a Fulbright lecturer in the Department in 1991 and returns each year as External Examiner.
Contact: **Professor Jon Pearce**
San Jose State University, San Jose, CA 95192
Tel. 408 924 5065; fax. 4815; pearce@mathes.sjsu.edu

SCHOOL FOR INTERNATIONAL TRAINING, WORLD LEARNING

Southern African partner: **ORAP Zenzele College**
Contact: Ms. Thandiwe Nkomo, tel. 263 4 68588; fax. 31088
P.O. Box 887, Bulawayo
Status of relationship: Already established
Type of linkage: Internship program, degree program
Main academic fields: International studies, development theory, planning and evaluation
Comments: Self-sustainability through income generated by income paid by U.S. students and African students (usually sponsored by international donors).
Contact: **Dr. Jeff Unsicker, Director**
Department of Global Issues and Intercultural Management (GIIM)
School for International Training, World Learning
P.O. Box 676 Kipling Road, Brattleboro, VT 05302-0676
Tel. 802 258 3332; fax. 258 3248; 637-0066@mcimail.com
Additional expert(s): Mr. Leslie Long, Associate Director, GIIM Department

SCHOOL FOR INTERNATIONAL TRAINING

U.S. partner: **University of Zimbabwe**
Contact: Agnes Nyagato, Program Assistant, 22 Rowland Square, Milton Park, Harare
Status of relationship: Already established
Type of linkage: Study abroad
Main academic fields: Life and culture of Zimbabwe
Contact: **Regional Director for Africa**
School for International Training
Kipling Road, Brattleboro, VT 05302-0676
Tel. 802 258 3286; fax. 3296; sia_africa@mcimail.com

STATE UNIVERSITY COLLEGE AT BUFFALO

Southern African partner: **University of Zimbabwe**
Contact: Mr. L.M. Sachikonye, Institute of Development Studies, tel. 263 4 333 341
Status of relationship: In the planning stages
Type of linkage: Beginning with a summer study abroad program; investigating faculty/student exchange
Main academic fields: Initially, development issues from an economic and sociological perspective
Contact: **Dr. Lee Ann Grace, Director International Education**
SUNY College at Buffalo, 1300 Elmwood, Buffalo, NY 14222-1095
Tel. 716 878 4620; fax. 3054; gracela@snybufaa.cs.snybuf.edu

SYRACUSE UNIVERSITY

Southern African partner: **Southern Africa Regional Institute for Policy Studies (SAPES) Trust**
Contact: Dr. Ibbo Mandaza, Executive Director, tel. 263 4 727 875, fax. 732 735
Status of relationship: Already established
Type of linkage: Study abroad program; law exchange
Main academic fields: Education; international studies
Contact: **Dr. Horace Campbell, Resident Director**
Syracuse University
c/o Southern Africa Regional Institute for Policy Studies (SAPES) Trust, P.O. Box 111, Mt. Pleasant, Harare

TEXAS A&M UNIVERSITY

Southern African partner: **Scientific and Industrial Research and Development Centre (SIRDC)**
Contact: Dr. Christopher Chetsanga, Director, tel. 263 4 707 993, fax. 733 797
Private Bag 7726, Causeway, Harare
Status of relationship: Already established
Type of linkage: Faculty and student exchange; collaborative research
Main academic fields: Nonspecific
Comments: Agreement was signed in July 1994 with understanding that Zimbabwe would begin sending faculty and students to Texas A&M. No exchange candidates have been proposed as yet.
Contact: **Mr. Mark Protheroe, Graduate Assistant of International Coordination**
Texas A&M University
Bizzell Hall West 156, College Station, TX 77843-4251
Tel. 409 845 6066; fax. 4824; mp@ipo.tamu.edu
Additional expert(s): Dr. Emily Y. Ashworth, Assistant Provost for International Programs

TUSKEGEE UNIVERSITY

Southern African partner: **University of Zimbabwe**
Contact: Professor Mark J. Obwolo, Faculty of Veterinary Science
Tel. 263 4 303 211; fax. 333 407
Status of relationship: In the planning stages
Type of linkage: Faculty and administrative exchange; post-doctoral study; collaborative research

Main academic fields: Agriculture and natural resources; education; veterinary science
Contact: **Dr. Suchet L. Louis, Associate Provost**
Director, Office of International Programs
Tuskegee University, Tuskegee, AL 36088
Tel. 334 727 8953; fax. 8451; slouis@acd.tusk.edu
Additional expert(s): Dr. Eloise Carter, Office of International Programs

UNIVERSITY OF ILLINOIS CHICAGO (UIC)

Southern African partner: **University of Zimbabwe**
Contact: Dr. F.W. Chinyanganya, Chairman, tel. 263 4 303 211, ext 1349
Status of relationship: In the planning stages
Type of linkage: Faculty and student exchange; visiting scholar; collaborative research; seminars and academic meetings/exchange; academic materials and information/special short-term academic programs
Main academic fields: Health (medicine, pharmacy)
Comments: The linkage agreement is in process. Funding of programs is by mutual agreement of both institutions. In the fall semester, 1995, a UZ faculty member was at UIC for a Masters in Health Professions.
Contact: **Dr. Ara Tekian, Head**
International Programs in Health Professions Education
University of Illinois at Chicago
Department of Medical Education (M/C 591), 8080 S. Wood, Room 986
Chicago, IL 60612-7309
Tel. 312 996 3590; fax. 413 2048
Additional expert(s): Ariani Friedl, John Nuveen Center for International Affairs (M/C 591), 1033 W. Van Buren, Suite 500, Chicago, IL 60607-2919

UNIVERSITY OF NORTH CAROLINA

Southern African partner: **University of Zimbabwe**
Contact: Dr. Jonathan Matenga, Director, Clinical Epidemiology Unit
Status of relationship: Already established
Type of linkage: Education and training; collaborative research
Main academic fields: Epidemiology; biostatistics; health economics; health social science
Comments: The International Clinical Epidemiology Network (INCLEN) was established with support from the Rockefeller Foundation to respond to the need for a broader view of health care in the developing world and is a network of medical schools from both developed and developing countries.
Contact: **Dr. Laura Sadowski, Director, INCLEN**
Ms. Sara Salama Williams, Program Manager
University of North Carolina
345 Tate-Turner-Kuralt Building, Chapel Hill, NC 27599
Tel. 919 966 2382; fax. 919 966 6630

UNIVERSITY OF NORTHERN IOWA

Southern African partner:	**University of Zimbabwe**
Contact:	Dr. O.S. Mandebvu, Department of Technical Education Tel 263 4 303 211; fax. 333 407
Status of relationship:	In the planning stages
Type of linkage:	Faculty and student exchange; visiting scholar; collaborative research
Main academic fields:	Technical education
Comments:	The purposes of the academic link between the Department of Technical Education (UZ) and the Department of Industrial Technology (UNI), September 1995 to August 1998, are staff development, curriculum development in technical teacher education, educational research and institutional management.
Contact:	**Dr. Timothy O'Connor, Director of International Studies** **University of Northern Iowa, Cedar Falls, IA 50614-0178** **Tel. 319 273 6807, fax 2326**
Additional expert(s):	Dr. M.F. Fahmy, Head, Department of Industrial Technology

UNIVERSITY OF PENNSYLVANIA

Southern African partner:	**University of Zimbabwe**
Contact:	Dr. Jonathan Matenga, Director, Clinical Epidemiology Unit
Status of relationship:	Already established
Type of linkage:	Education and training; collaborative research
Main academic fields:	Epidemiology; biostatistics; health economics; health social science
Comments:	The International Clinical Epidemiology Network (INCLEN) was established with support from the Rockefeller Foundation to respond to the need for a broader view of health care in the developing world and is a network of medical schools from both developed and developing countries.
Contact:	**Brian Strom, MD, MPH, Director, Center for Epidemiology and Biostatistics, Chair, Department of Biostatistics and Epidemiology and Director of the Clinical Epidemiology Resource and Training Center (CERTC), University of Pennsylvania, Philadelphia 19104** **Tel. 215 898 4623; fax. 573 5315**

UNIVERSITY OF PENNSYLVANIA

Southern African partner:	**University of Zimbabwe**
Contact:	Professor F.P. Gudyanga, Dean, Faculty of Engineering
Status of relationship:	In the planning stages
Type of linkage:	Faculty and student exchange; collaborative research
Main academic fields:	Engineering.
Contact:	**Dr. David Pope, Associate Dean, Engineering** **University of Pennsylvania, Philadelphia 19104** **Tel. 215 898 7246**
Additional expert(s):	Dr. Sandra T. Barnes, African Studies Center, africa@sas.upenn.edu Tel. 215 898 6971; fax. 7462

UNIVERSITY OF PENNSYLVANIA

Southern African partner:	**University of Zimbabwe**
Contact:	Professor H.M. Chinyanga, Professor of Anesthetics, Faculty of Medicine
Status of relationship:	In the planning stages

Type of linkage: Exchange in medical faculties; student and collaborative research
Main academic fields: Medicine
Contact: **Dr. Donald Silberberg, Associate Dean for International Medical Programs and Professor of Neurology; tel. 215 898 0283**
Additional expert(s) **Dr. Sandra T. Barnes, African Studies Center, africa@sas.upenn.edu Tel. 215 898 6971; fax. 7462**

UNIVERSITY OF WASHINGTON

Southern African partner: **University of Zimbabwe**
Contact: Dr. Kanga Zinyemba, Registrar, tel. 263 4 303 211; fax. 333 407
Status of relationship: Already established
Type of linkage: Faculty and student exchange; visiting scholar; library exchange; collaborative research
Main academic fields: Business; health (AIDS, nutrition, epidemiology, women); international studies (African studies); library sciences; environmental studies (development of a regional consortium in southern Africa)
Comments: Thie linkage is a signed exchange agreement. There is tuition waiver support on both sides. The faculty exchange is supported through department contact; Private endowment at University of Washington supports travel expenses. There is a research stipend to support UZ students (one a year) at UW. Contact Leave at UZ support; UZ visiting scholars at UW.
Contact: **Dr. Kathryn Hubbard, Director, International Programs and Exchanges University of Washington, 516 Schmitz Hall #355815, Seattle, WA 98195 Tel. 206 543 9272; fax. 3511; khubbard@u.washington.e**
Additional expert(s): Professor Lucy Jarosz, Department of Geography

UNIVERSITY OF ZIMBABWE

U.S. partner: **Advanced Tissue Sciences**
Contact: Dr. Brian A. Naughton, tel. 619 551 1907; fax. 619 551 1917 10933 North Torrey Pines Road, La Jolla, CA 92037-1003
Status: Already established
Type of linkage: Student exchange
Academic fields: Transplantation; medical research
Comments: A UZ graduate student is getting his Ph.D in tissue engineering there.
Contact: **Dr. Bubuya Masola, Chairman, Department of Biochemistry**
Additional expert(s): Professor J.A. Hasler, Biochemistry

UNIVERSITY OF ZIMBABWE

U.S. partner: **The Associated Colleges of the Midwest (ACM)**
Contact: Ds. Susan Solberg, Program Officer, tel. 312 263 5000; 5879 18 South Michigan Avenue, Chicago, IL 60603
Status: Already established
Type of linkage: Faculty and student exchange
Comments: The Academic Director started the link in 1989 because of his experience at Colorado College. The students (15-20 undergraduates) are accompanied by American lecturers and receive a parallel program, often attached to external organizations like parastatals. UZ lecturers are also involved. Some of the

participating liberal arts colleges are Beloit, Carleton, Coe, Colorado College, Cornell, Grinnell, Knox, Lake Forest, Macalester, Ripon, St. Olaf, and Lawrence University and University of Chicago. An American Co-Director also accompanies the students.

Contact: **Mrs. Lyndlin Chiwandamira, Administrative Director**
Dr. Solomon Nkiwane, Academic Director, Department of Political and Administrative Studies

UNIVERSITY OF ZIMBABWE

U.S. partner: **California State University**
Contact: Richard Sutter, Office of International Programs, tel. 310 985 2831; fax. 2841
Status: Already established
Type of linkage: Study abroad
Comments: Students (between 5-15) register for the whole academic year. A resident director from the United States is appointed who also lectures on a part-time basis.
Contact: **Wilfred M. Mukondiwa, Deputy Registrar Academic**

UNIVERSITY OF ZIMBABWE

U.S. partner: **Case Western Reserve University**
Contact: Dean Joyce Fitzpatrick, Frances Payne Bolton School of Nursing Science
Tel. 216 368 2543; fax. 8864; Cleveland, OH 44106
Status: Already established
Type of linkage: Master's degree program
Academic fields: All nursing fields
Contact: **Dr. Jacob Mufunda, Dean of the Faculty of Medicine**
Dr. K.G. Mapanga, Chairman, Nursing School, Faculty of Medicine
University of Zimbabwe Medical School
Tel 263 4 791 631, x 239; fax. 724 912

UNIVERSITY OF ZIMBABWE

U.S. partner: **Clark Atlanta University, Coca-Cola Company**
Contact: Dr. Hashim Gibrill, Political Science, tel 404 880 8720; fax. 8717
Atlanta, GA 30314
Status: Already established
Type of linkage: Coca-Cola-U.Z. Forum
Academic fields: Business (marketing, management)
Contact: **Mr. Matanhire, Department of Business Studies**

UNIVERSITY OF ZIMBABWE

U.S. partner: **Colorado School of Mines**
Contact: Dr. Levent Ozdemir, Research Professor, Mining Engineering
Tel. 303 273 3419; fax. 3719; Golden, CO 80403
Status: Already established
Type of linkage: Post-doctoral study

Academic fields: Mining engineering
Contact: **Professor J.G. Voss, Department of Mining Engineering**
Additional expert(s): Professor E.A. Wright, Department of Mining Engineering

UNIVERSITY OF ZIMBABWE

U.S. partner: **Cornell University**
Contact: Professor Michael Latham, International Human Nutrition
Tel. 607 255 3041, fax. 2608, Ithaca, NY 14853-6201
Type of linkage: Collaborative research; faculty exchange
Academic fields: Food and nutrition
Contact: **Dr. Lillian Marovatsanga, Institute of Food and Nutrition**

UNIVERSITY OF ZIMBABWE

U.S. partner: **Cornell University**
Contact: Professor Dwayne Chapman, Agricultural Economics and Natural Resources,
tel. 607 255 4516, fax. 9984, Ithaca, NY 14853-6201
Type of linkage: Materials exchange
Academic fields: Environment
Comments: The Cornell contact visited UZ in 1991 as a Fulbright scholar and spent six months working on issues like environment, ecology, and wildlife.
Contact: **Mr. Maponga, Institute of Mining Research**

UNIVERSITY OF ZIMBABWE

U.S. partner: **Lawrence Technological University**
Contact: Dr. Alan L. Prasuhn, Interim Dean, College of Engineering
Tel. 810 204 2500, fax. 2509, prasuhn@ltu.edu
21000 West Ten Mile Road, Southfield, MI 48075-1058
Status: In the planning stages
Type of linkage: Yet to be established
Academic fields: Civil engineering
Contact: **Eng. M.P. Grant, Department of Civil Engineering**
Tel. 263 4 303 211; fax. 303 280

UNIVERSITY OF ZIMBABWE

U.S. partner: **Lewis & Clark College**
Contact: Dr. Larry Meyers, Director, Overseas and Off-Campus Programs
Tel. 503 768 7295, fax. 7300
Box 11, 0615 SW Palatine Hill Rd, Portland, OR 97219
Status: Already established
Type of linkage: Study abroad
Comments: The last group went to UZ in 1994; the next is scheduled for 1997, accompanied by faculty leaders.
Contact: **Dr. Munhuweyi Peresuh, Dean, Faculty of Education**

UNIVERSITY OF ZIMBABWE

U.S. partner: **Michigan State University**
Contact: Dr. Carl Eicher, Department of Agricultural Economics, 205 Agricultural Hall, tel. 517 332 5944; fax. 432 1800
Status: Already established
Type of linkage: Faculty exchange, collaborative research
Comments: The Southern Africa Food Security project has been jointly administered by both departments and has been the most fruitful of all the MSU/UZ linkages in terms of grant monies, number of collaborating faculty and number of UZ staff development fellows who have completed advanced graduate degrees at MSU.
Contact: **Dr. M. Rukuni, Department of Agricultural Economics**

UNIVERSITY OF ZIMBABWE

U.S. partner: **Michigan State University**
Contact: Dr. Kim Wilson, Institute for International Agriculture, Department of Agriculture, tel. 517 355 0174; fax. 353 1888
Status: Already established
Type of linkage: Faculty exchange, construction of lecture and laboratory facilities
Academic fields: Agriculture and natural resources (curriculum development and teaching assistance).
Contact: **Dr. Lindela R. Ndlovu, Dean, Faculty of Agriculture**

UNIVERSITY OF ZIMBABWE

U.S. partner: **Michigan State University**
Contact: Professor Harvey Sparks, Department of Physiology
Tel. 517 355 6475, x 1262; fax. 5125; sparks@pslvax psl msu edu
Status: Already established
Type of linkage: Student exchange, collaborative research
Academic fields: Health (genetic basis of hypertension)
Contact: **Dr. Jacob Mufunda, Dean, Faculty of Medicine**
Tel. 263 4 722 223; fax. 724 912
Additional expert(s): Dr. P.M. Vengesa, Department of Physiology

UNIVERSITY OF ZIMBABWE

U.S. partner: **Michigan State University**
Contact: Dr. John Metzler, Director of Summer Program and Academic Year Program
Tel. 517 432 2148; fax. 432 1209; metzler@msu.edu
Status: Already established
Type of linkage: Study abroad
Comments: MSU students (4-10 at a time) register for the whole academic year. A local resident director oversees their needs.
Contact: **Dr. George Madzima, Department of Mining Engineering**

UNIVERSITY OF ZIMBABWE

U.S. partner:	**Michigan State University**
Contact:	Professor Michael Bratton, Department of Political and Administrative Studies Tel. 517 353 3377; fax. 432 1091
Status:	Already established
Type of linkage:	Faculty exchange; collaborative research
Academic fields:	Political science (political action and democratization)
Contact:	**Professor John Makumbe, Department of Political and Administrative Studies**

UNIVERSITY OF ZIMBABWE

U.S. partner:	**Michigan State University**
Contact:	Professor Assefa Mehretu, Department of Geography Tel. 517 353 9739; fax. 432 1076
Status:	Already established
Type of linkage:	Faculty exchange; collaborative research
Academic fields:	Project on time and energy costs of distance on the quality of living among rural Zimbabwean women.
Contact:	**Professor Chris Mutambirwa, Department of Geography**

UNIVERSITY OF ZIMBABWE

U.S. partner:	**Michigan State University**
Contact:	Professor Carolyn Harford
Status:	Already established
Type of linkage:	Faculty exchange; collaborative research
Academic fields:	Research on Shona language pedagogy.
Contact:	**Professor Chimhundu, Department of African Languages and Literature**

UNIVERSITY OF ZIMBABWE

U.S. partner:	**Michigan State University**
Contact:	Dr. P. Vincent Hegarty, Department of Food Science and Human Nutrition Tel. 517 355 8474; vhegarty@msu.edu
Status:	Already established
Type of linkage:	Faculty exchange; collaborative research
Contact:	**Dr. Lillian Marovatsanga, Head, Institute of Food and Nutrition, Faculty of Science**

UNIVERSITY OF ZIMBABWE

U.S. partner:	**Michigan State University**
Contact:	Professor J. Cunningham, Department of Physiology and Veterinary Medicine Tel. 517 355 6475; fax. 5125
Status:	Already established
Type of linkage:	Faculty and student exchange; collaborative research
Academic fields:	Education, health

Comments:	Funds to sustain this relationship have come from the Charles Stewart Mott Foundation and the Robert Mugabe Scholarships.
Contact:	**Professor Mark J. Obwolo, Dean, Faculty of Veterinary Science**
Additional expert(s):	Dr. P.S.A. Woods, Deputy Dean

UNIVERSITY OF ZIMBABWE

U.S. partner:	**Michigan State University**
Contact:	Dr. Jack Schwille, Assistant Dean for International Programs in Education, Dr. Susan Peters, Dr. Anne Schneller, Academic Specialist, College of Education
Status:	Already established
Type of linkage:	Faculty and student exchange; collaborative research
Academic fields:	Education, across the nine departments.
Contact:	**Dr. Munhuweyi Peresuh, Dean, Faculty of Education**

UNIVERSITY OF ZIMBABWE

U.S. partner:	**Michigan State University**
Contact:	Dr. David Campbell, Department of Geography
Status:	Already established
Type of linkage:	Visiting scholar; collaborative research
Academic fields:	Agriculture (householder strategies and food shortages).
Contact:	**Lovemore Zinyama, Department of Geography**

UNIVERSITY OF ZIMBABWE

U.S. partner:	**Michigan State University**
Contact:	Professor William Derman, Department of Anthropology Tel. 517 355 0208; fax. 432 1209
Status:	Already established
Type of linkage:	Collaborative research on social and environmental impact of human resettlement in the upper Zambezi River Valley.
Contact:	**Professor Marshall Murphree, Director** **Centre for Applied Social Sciences (CASS)**

UNIVERSITY OF ZIMBABWE

U.S. partner:	**Oakwood College**
Contact:	Professor E.T. Gweru, Department of Chemistry, tel. 205 726 7112; fax. 7111 Huntsville, AL 35896
Status:	In the planning stages
Type of linkage:	Faculty and student exchange
Academic fields:	Science.
Contact:	**Dr. Emmanuel G. Hove, Chair, Department of Chemistry**
Additional expert(s):	Dr. S. Sibanda, Department of Chemistry

UNIVERSITY OF ZIMBABWE

U.S. partner:	**Oregon State University**
Contact:	Professor Gordon Matzke, Director of Geography Program, Department of Geosciences, tel. 541 737 1217; 1200; matzkeg@bcc orst edu
Comments:	Generated by a visiting Fulbright lecturer, this informal relationship can provide a "sandwich program" for graduate training
Contact:	**Professor Marshall Murphree, Director, Centre for Applied Social Sciences; Dr. James Murombedzi**

UNIVERSITY OF ZIMBABWE

U.S. partner:	**Pennsylvania State University**
Contact:	Dr. J. MacNeal, tel. 814 865 1348; fax. 863 7114 University Park, PA 16802
Status:	Already established
Type of linkage:	Faculty exchange
Academic fields:	Agriculture and natural resources.
Contact:	**Dr. P. Ndlovu, Department of Animal Science** **Tel. 263 4 303 211; fax. 333 407**
Additional expert(s):	Professor M. Rukuni, Agricultural Economics & Extension

UNIVERSITY OF ZIMBABWE

U.S. partner:	**Pitzer College and Scripps College**
Contact:	Valerie Eastman, Off-Campus Study Programs Tel. 909 621 8306, fax. 8389 1030 Columbus Avenue, Claremont, CA 91711-3948 Prof. Thomas Manley, External Studies, Pitzer College Tel. 909 621 8104; fax. 0518 1050 North Mills Avenue, Claremont, CA 91711
Status:	Already established
Type of linkage:	Study abroad
Comments:	Since 1991, two groups (averaging 12-15 each) register each year. The first group arrives in January and leaves in June; the second is from August to December. Students live with families, spending two weeks in the rural areas and then living with families in the urban areas and townships. The program beginning in January emphasizes political and social change and permits students to enroll in the University of Zimbabwe courses. The August-December program looks ar the regional cultures of Zimbabwe. Both programs are for undergraduates only and are field-study oriented.
Contact:	**Kebokile Dengu-Zvobgo, Local Resident Director**

UNIVERSITY OF ZIMBABWE

U.S. partner:	**Purdue University**
Contact:	Professor Paul Michael Hasegawa, Center for Plant Environmental and Stress Physiology, tel. 317 494 1315, fax. 0391; Professor Ray Bressan, x 1330
Status:	In the planning stages

Type of linkage: Research collaboration; faculty and student exchange
Academic fields: Sorghum and cow pea transformation systems
Comments: An exchange of information has already taken place
Contact: **Dr. Idah Sithole, Biochemistry Department**

UNIVERSITY OF ZIMBABWE

U.S. partner: **Rutgers University New Brunswick**
Contact: Professor Martha Greenblatt, Chair, Chemistry Department
New Brunswick, NJ 08903
Tel. 908 445 2618; fax. 5312
Status: Already established
Type of linkage: Visiting scholar for the Summer Session
Contact: **Professor Emmanuel G. Hove, Chairman, Chemistry Department**

UNIVERSITY OF ZIMBABWE

U.S. partner: **Texas Christian University**
Contact: Dr. Richard Hanson, Department of Geology, tel. 817 921 7270; fax. 7789
2900 West Bowie, Fort Worth, TX 76129
Status: Already established
Type of linkage: Visiting scholar (Fulbright); collaborative research
Academic fields: Science (structural geology--tectonics)
Comments: American academics have (and are about to) come to the department), which makes the exchange one-way; however, strong two-way links have been developed between this department and European universities.
Contact: **Dr. Thomas Blenkinsop, Senior Lecturer and Head, Department of Geology**

UNIVERSITY OF ZIMBABWE

U.S. partner: **Tuskegee University**
Contact: Dr. Suchet L. Louis, Associate Provost, Director, Office of International Programs, tel. 334 727 8953; fax. 8451; slouis@acd.tusk.edu
Status: Already established
Type of linkage: Faculty and student exchange; collaborative research
Academic fields: Information management systems
Contact: **Professor Mark J. Obwolo, Dean, Faculty of Veterinary Science**
Additional expert: Dr. P.S.A. Woods, Deputy Dean

UNIVERSITY OF ZIMBABWE

U.S. partner: **United States Geological Survey**
Contact: Dr. Fred Simon, Office of International Geology, tel. 703 648 6055; fax. 4227
12201 Sunrise Valley Drive, Reston, VA 22092
Type of linkage: Publications exchange
Academic fields: Geology
Comments: This link started in 1985 through a USAID grant on manpower development
Contact: **Mr. Maponga, Institute of Mining Research**

UNIVERSITY OF ZIMBABWE

U.S. partner:	**University of Alabama in Huntsville**
Contact:	Dr. Claudio Morales, Department of Mathematical Sciences Tel. 205 895 6470, fax. 6173, Huntsville, AL 35899
Type of linkage:	Collaborative research; visiting scholar
Status:	Already established
Academic fields:	Mathematics and physics
Contact:	**Dr. Simba Mutangadura, Department of Physics**

UNIVERSITY OF ZIMBABWE

U.S. partner:	**University of California at Berkeley**
Contact:	Dr. Louise Fortmann, Department of Environmental Science, Policy and Management, tel. 510 642 7018, fax. 643 5438, Berkeley, CA 94720 fortmann@nature.berkeley.edu
Status:	Already established
Type of linkage:	Visiting scholar
Academic fields:	Natural resource management
Contact:	**Professor Marshall Murphree, Director, Centre for Applied Social Sciences, Dr. James Murombedzi**

UNIVERSITY OF ZIMBABWE

U.S. partner:	**University of California at Berkeley**
Contact:	Dr. Kannan M. Krishnan, National Center for Electronmicroscopy, Lawrence Berkeley Lab (LBL), tel. 510 486 4614, fax. 5888
Type of linkage:	Collaborative research
Academic fields:	Electronmicroscopy
Comments:	This is not an official linkage, but an informal arrangement that has hosted a UZ scholar in the lab over the years.
Contact:	**Mr. Maponga, Institute of Mining Research**

UNIVERSITY OF ZIMBABWE

U.S. partner:	**University of California at Los Angeles**
Contact:	Dr. Charles Buchanan, Vice Chair, Academic Affairs Tel. 310 825 7466; fax. 206 1091; Los Angeles, CA 90024
Status of relationship:	Already established
Type of linkage:	Visiting scholar; graduate training
Academic fields:	Physics.
Contact:	**Dr. Xavier Carelse, Department of Physics**

UNIVERSITY OF ZIMBABWE

U.S. partner:	**University of Florida Gainesville**
Contact:	Professor Peter Schmidt, Center for African Studies Tel. 904 392 4490, fax. 2435, P.O. Box 116580, Gainesville, FL 32611-6580
Status of relationship:	Already established

Type of linkage: Faculty exchange; curriculum development
Main academic fields: African languages
Contact: **Dr. Chimhundu, Dean, Faculty of Arts**

UNIVERSITY OF ZIMBABWE

U.S. partner: **University of Maryland Frostburg**
Contact: Dr. Kent Fuller, Center for Environment and Estuarine Studies
Tel. 301 689 3115; fax. 8518, Frostburg, MD 21532
Status: Already established
Type of linkage: Collaborative research; faculty exchange; visiting scholar
Academic fields: Science (e.g., marine ecology)
Comments: Another partner was the Department of National Parks and Wildlife Management in the Ministry of Environment and Tourism in Zimbabwe.
Contact: **Dr. Ben N. Dube, Chair, Department of Biological Sciences**
Tel. ext 1435, bdube@zimbix.uz.zw

UNIVERSITY OF ZIMBABWE

U.S. partner: **University of Pennsylvania**
Contact: Dr. Sandra T. Barnes, African Studies Center, africa@sas.upenn.edu
Tel. 215 898 6971; fax. 7462, Philadelphia, PA 19104-6275
Status: Already established
Type of linkage: Faculty and student exchange; collaborative research
Academic fields: Science
Contact: **Professor Mark J. Obwolo, Dean, Faculty of Veterinary Science**
Additional expert: Dr. P.S.A. Woods, Deputy Dean.

UNIVERSITY OF ZIMBABWE

U.S. partner: **University of Washington Seattle**
Contact: Dr. Kathryn Hubbard, Director, International Programs and Exchange
Tel. 206 543 9272; fax. 3511
Status: Already established
Type of linkage: Study Abroad
Comments: Students (1-3) register for the whole year. They do not pay any fees for the duration of their stay. No resident director has been appointed for this program.
Contact: **Wilfred M. Mukondiwa, Deputy Registrar Academic**

UNIVERSITY OF ZIMBABWE

U.S. partner: **University of West Florida**
Contact: Professor M. Ncube, Mathematics and Statistics Department
11000 University Parkway, Pensacola, FL 32517
Tel. 904 474 2282, fax. 3129; mncube@uwf.bitnet
Status: Already established
Type of linkage: Faculty exchange; visiting scholar; collaborative research
Academic fields: Business (quality control); science (statistics)

Contact: **Mrs. Erica Keogh, Chair, Statistics Department**
Tel 263 4 303 211, x 1636; fax. 333 407; keogh@zimbix.ubz.zw

UNIVERSITY OF ZIMBABWE

U.S. partner: **University of Wisconsin Madison**
Contact: Dr. Douglas Maxwell, Department of Plant Pathology
Tel. 608 262 1995; fax. 263 2626, Madison, WI 53715
Status: Already established
Type of linkage: Visiting scholar, collaborative research
Academic fields: Plant pathology
Comments: The link started in 1993, when the UZ contact received a Rockefeller Biochemistry Career Fellowship to go to UW for three months. She returned in 1994 and again in 1995.
Contact: **Dr. Idah Sithole, Biochemistry Department**

UNIVERSITY OF ZIMBABWE

U.S. partner: **University of Wisconsin Madison**
Contact: Dr. Jess Reed, Department of Meat and Animal Science, tel. 608 263 4310; fax. 262 5157, Madison, WI 53715
Status: Already established
Type of linkage: Faculty exchange; research collaboration
Academic fields: Biochemistry; animal science; crop science, plus the research stations at Makoholi and Matopos Grasslands
Comments: Funded by the McKnight Foundation, this project is multidisciplinary and international and includes eight themes.
Contact: **Dr. Lindela R. Ndlovu, Dean, Faculty of Agriculture**

UNIVERSITY OF ZIMBABWE

U.S. partner: **University of Wisconsin Madison**
Contact: Professor John Bruce, Land Tenure Center
Tel. 608 262 6272; fax. 2141; Madison, WI 53715
Status: Already established
Type of linkage: Visiting scholar; faculty exchange
Academic fields: Natural resource management, land tenure
Comments: The linkage began in 1989, when the Ford Foundation sent a faculty member to Madison.
Contact: **Professor Marshall Murphree, Director, Centre for Applied Social Sciences, Dr. James Murombedzi**

UNIVERSITY OF ZIMBABWE

U.S. partner: **University of Wisconsin Milwaukee**
Contact: Professor Philip Rohatgi, Department of Material Science
Tel. 414 229 4987; fax. 6958, Milwaukee, WI 53201
Status: In the planning stages
Type of linkage: Visiting scholar

Academic fields: Metallurgy
Comments: Dr. Chinyamakobvu went there as a Fulbright scholar and spent three months doing research linked to his area of expertise.
Contact: **Dr. Oswald Chinyamakobvu, Senior Lecturer and Department Chairman Department of Metallurgical Engineering**

UNIVERSITY OF ZIMBABWE

U.S. partner: **University of Wisconsin Whitewater**
Contact: Professor George Tesar, College of Business Economics
Tel. 414 472 4951; fax. 4863, Whitewater, WI 53190
Status: Already established
Type of linkage: External examiner
Academic fields: Business
Comments: In early 1996, the Marketing Department sponsored a graduate student doing a Ph.D. in international marketing.
Contact: **Mr. Hillary O. Mukwenha, Chair, Department of Business Studies**

UNIVERSITY OF ZIMBABWE

U.S. partner: **Virginia Polytechnic Institute and State University**
Contact: Dr. Kenneth Eriksson, Department of Geological Sciences
Tel. 540 231 4680; fax. 3386
Status: Already established
Type of linkage: Visiting scholar (Fulbright); collaborative research
Academic fields: Science (structural geology--tectonics)
Comments: American academics have (and are about to) come to the department.
Contact: **Dr. Thomas Blenkinsop, Senior Lecturer and Head, Department of Geology**

UNIVERSITY OF ZIMBABWE

U.S. partner: **West Virginia University**
Contact: Dr. Raymond A. Smego, Jr., Associate Professor of Medicine, Director of International Health Program, tel. 304 293 3306; fax. 7319
P.O. Box 6300, Morgantown, WV 26506
Status: In the planning stages
Type of linkage: Designing a masters program
Academic fields: Pathology.
Contact: **Professor Sam Abel Tswana, Chairman, Department of Medical Microbiology, UZ Medical School**

VIRGINIA COMMONWEALTH UNIVERSITY

Southern African partner: **Bulawayo Polytechnic**
Contact: Mr. Maboyi-Ncube, Principal, P.O. Box 1392, Bulawayo
Southern African partner: **Harare Polytechnic**
Contact: Mr. A. Mandimika, Principal, P.O. Box 8074, Causeway, Harare
Status of relationship: Already established

Type of linkage: Faculty exchange
Main academic fields: Education (art)
Comments: The goal of the linkage is to establish a mentor relationship between the professors at Virginia Commonwealth University and the faculty lecturers in the art departments of the two Polytechnics
Contact: **Ms. Arlene Jackson, Director of International Programs**
Center for International Programs, Virginia Commonwealth University
P.O. Box 843043, Richmond, VA 23284-3043
Tel. 804 828 8471; fax. 2552
Additional expert(s): Dr. Blue Wooldridge, Department of Political Science and Public Administration; Dr. Bernard Moitt, Department of History; Dr. David French, Office of International Health Programs

VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

Southern African partner: **National University of Science and Technology (NUST)**
Contact: Dr. P. Makhurane, Vice Chancellor; Professor S.B. Mangena, Department of Computer Science
Status of relationship: Already established
Type of linkage: Faculty and student exchange; library exchange; collaborative research; organisation of joint conferences
Main academic fields: Open to all fields
Contact: **Ms. Rose-May Guignard, Research Assistant**
University Office of International Programs
Virginia Tech, 134 Buruss Hall, Blacksburg, VA 24061-0265
Tel. 540 231 6167; fax. 5750; guignrad@vy.edu
Additional expert(s): Dr. Patrick Liverpool, Vice Provost for International Programs

VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

Southern African partner: **University of Zimbabwe**
Contact: Professor G.L. Chavunduka, Vice Chancellor
Status of relationship: Already established
Type of linkage: Student exchange; visiting scholar; library exchange; collaborative research
Main academic fields: Education (teacher training); business (accounting); public administration (urban affairs, rural development, geography); agriculture and natural resources (agricultural economics); science (geology, biology, veterinary medicine); landscape architecture
Comments: Student exchanges are conducted on a reciprocal basis, whereby the U.S. student pays tuition, room and board at Virginia Tech and the U.Z. student pays the same at U.Z., based on the International Student Exchange Program (ISEP) model, a worldwide consortium of universities
Contact: **Ms. Rose-May Guignard, Research Assistant**
University Office of International Programs
Virginia Tech, 134 Buruss Hall, Blacksburg, VA 24061-0265
Tel. 540 231 6167; fax. 5750; guignrad@vy.edu
Additional expert(s): Dr. Patrick Liverpool, Vice Provost for International Programs

WELLESLEY COLLEGE

Southern African partners: **Church and community groups**
Status: In the planning stages
Type of linkage: Summer internships
Comments: A multi-constituency committee of students, faculty, alumni and staff has been set up to establish this program. An alumna has made one field visit.
Contact: **Dr. Sylvia S. Hiestand, Director of International Studies and Services**
Wellesley College, 106 Central Avenue, Wellesley, MA 02181
Tel. 617 283 2083; fax. 3639; shiestand@wellesley.edu

WINSTON-SALEM STATE UNIVERSITY

Southern African partner: **University of Zimbabwe**
Contact: Dr. Teddy G. Zengeni, Department of Physics, fax. 263 4 333 407
Status of relationship: In the planning stages.
Contact: **Dr. Olasope O. Oyelaran, Coordinator of International Programs**
Winston-Salem State University
P.O. Box 13213, Winston-Salem, NC 27110
Tel. 910 750 2306; fax. 2459
Additional expert(s): Dr. Everette J. Witherspoon, Vice Chancellor, Academic Affairs.

MULTI-COUNTRY LINKAGES IN SOUTHERN AFRICA

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AFRICA INTERNET FORUM (AIF)

Southern African partners: Universities and research institutes in **Angola, Botswana, Lesotho, Namibia, Malawi, Mozambique, Swaziland, Zambia, and Zimbabwe**

Type: Technical assistance

Comments: The purpose of the project is assist existing African computer networks, located primarily at national universities, to expand their networking infrastructures and assist these service providers to create a sustainable operation that will function as the national Internet networking node.

Contact: **Mr. Robert Hawkins and Dr. Eugene Boostrom**
World Bank, 1818 H Street, N.W., Washington, DC 20433
Tel. 202 473 4244; fax. 5456
http://www.undp.org/sdnp/aif/html
rhawkins@worldbank.org; eboostrom @worldbank.org

AFRICAN EDUCATION RESEARCH NETWORK (AERN)

Southern African partner: **National University of Lesotho**
Contact: Professor E.M. Sebatane, Director, Institute of Education
Southern African partner: **University of Zimbabwe**
Contact: Professor G.L. Chavunduka, Vice Chancellor
Status of relationship: Already established
Type: Research network
Main academic fields: Education
Comments: There are three East African members with a Network site at Makerere University in Uganda. Ohio University is the Northern site for this network. Other members are Clark Atlanta University, North Carolina State University at Raleigh, the University of Ottawa, and the University of Manchester. The current focus is upon developing research capacity through electronic information exchange between African universities and universities in the North.
Contact: **Professor Milton Ploghoft**
Coordinator, AERN
Research Fellow, Ohio University, Athens, OH 45701
Tel. 614 593 0738; fax. 592 5958; ploghoft@ouvaxa.cats.ohiou.edu

AFRICAN LAW INITIATIVE SISTER LAW SCHOOL PROGRAM

Southern African partners: **University of Malawi** Chancellor College and **University of Zambia** School of Law, and six other African countries (Eritrea, Ethiopia, Kenya, Tanzania, Uganda, and Ghana)
U.S. partners: Currently 27 U.S. law schools are participating at different levels
Comments: Funded by USIA, this project facilitates cooperative relationship between law school in the U.S. and Africa.
Contact: **Mr. Michael Wolf, Project Coordinator**
American Bar Association
Section of Legal Education and Admission to the Bar
740 15th Street, N.W., Washington, DC 20005
Tel. 202 662 1966; fax. 1597

AFRICAN WOMEN LEADERS IN AGRICULTURE AND THE ENVIRONMENT PROGRAM (AWLAE)

Southern African partners: **University of Dar es Salaam** and the Ministry of Agriculture in Tanzania is a collaborating institution in the SADC counties. Fellows currently come from institutions in Sub-Saharan Africa.
U.S. partners: Cornell University, Iowa State University, Pennsylvania State University, University of Arkansas, University of Minnesota, University of Missouri Columbia, Utah State University, Virginia Polytechnic
Comments: AWLAE's goal is to create a critical mass of gender-sensitive women leaders in Africa who are prepared and in demand for leadership in the agricultural and environmental sectors and who are committed to addressing issues affecting rural women farmers. The program offers opportunities for post-graduate study, leadership awareness and skills training, and professional development and mentoring.
Contact: **Ms. Elise Fiber Smith, Director, Women's Leadership Program**
Winrock International Institute for Agricultural Development

1611 North Kent Street, Suite 600, Arlington, VA 22209
Tel. 703 525 9430; fax. 525 1744

AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE (AAAS)

Southern African partners: In its information activities, the AAAS Sub-Saharan Africa Program is working with a number of universities, some of which are in southern Africa.

Comments: The activities underway focus on enhancing access to scientific and scholarly information. For example, the **Universities of Malawi, Zambia, and Zimbabwe** are part of a three-year CD-ROM pilot project involving seven universities. AAAS is also collaborating with the University Eduardo Mondlane on a "current awareness" project through which the table of contents of selected journals are e-mailed to a group of social scientists at UEM and articles provided on demand. All of these activities are funded by grants from the Carnegie Corporation of New York, the Ford Foundation, and the Rockefeller Foundation.

Contact: **Ms. Lisbeth A. Levey, Director**
Project for African Research Libraries
American Association for the Advancement of Science
1313 H Street, N.W., Washington, DC 20006
Tel. 202 326 6634; fax. 289 4958, llevey@aaas.org

COMMITTEE FOR HEALTH IN SOUTHERN AFRICA (CHISA)

Southern African partner: **Ministry of Health Mozambique**
Contact: Mr. Leonardo Simao; Dr. Julie Clift
Southern African partner: **Namibia Ministry of Health**
Contact: Dr. N. Shivute
Southern African partner: **University of Zimbabwe**
Contact: Dr. Reginald Matcheba, Chair, Department of Community Medicine
Comments: CHISA, founded in 1984, has provided professional, academic, and support in public health, medical care, and epidemiological research principally in South Africa, but also in the countries listed above. At this time, CHISA's main effort is devoted to organizing health personnel in the U.S. into a "public health resource bank" that provides assistance on request to academic medical and health science centres and health departments in southern Africa.

Contact: **Dr. Jack Geiger, Chairperson**
Committee for Health in Southern Africa
Box 16, 630 West 168th Street, New York, NY 10032
Tel. 212 305 2426; fax. 2424

FORUM ON AGRICULTURAL RESOURCE HUSBANDRY

Southern African partners: **Africa University (Zimbabwe), University Eduardo Mondlane, University of Malawi University of Zimbabwe** faculties of agriculture

U.S. partners: Michigan State University, Cornell University

Comments: The Forum was founded by the Rockefeller Foundation in 1991 to create a network of researchers devoted to improving knowledge of the efficient and sustainable management of agricultural resources in Kenya, Malawi, Mozambique, Uganda, and Zimbabwe. It aims to assist university faculties of

agriculture in the creation of high-quality graduate programs through the support of M.Sc. students and their related research.

Contact: **The Forum Coordinator**
Forum on Agricultural Resource Husbandry
The Rockefeller Foundation
P.O. Box 30721, Lilongwe 2, Malawi
Tel. 265 781 182; fax. 265 782 835; mblackie *a* unima.wn.apc.org

INTERNATIONAL CLINICAL EPIDEMIOLOGY NETWORK INC. (INCLEN)

Southern African partners: In Sub-Saharan Africa there are five participating institutions, including the **University of Zimbabwe.**

U.S. participants: University of Pennsylvania and University of North Carolina (see their entries under Zimbabwe); there are two training centers at universities in Canada and one in Australia.

Comments: The International Clinical Epidemiology Network (INCLEN) was established with support from the Rockefeller Foundation to respond to the need for a broader view of health care in the developing world through training medical faculty to evaluate the efficacy, cost-efficiency, and availability of health care practices. It is a network of medical schools from both developed and developing countries.

Contact: **Ms. Shelly Kessler, Deputy Executive Director**
International Clinical Epidemiology Network (INCLEN) Inc.
Executive Office, 3600 Market Street, Suite 380
Philadelphia, PA 19104-2644
Tel. 212 222 7700; fax. 7741

UNIVERSITY OF MINNESOTA

Southern African partners: Exploratory talks with **Universities of Botswana, Malawi, Zimbabwe and Eduardo Mondlane**

Status of relationship: In the planning stages

Type of linkage: Ph.D. training and post-doctoral opportunities for African faculty at UM; UM faculty to replace them at their home universities

Comments: This new initiative in sustainable societies seeks to integrate analysis of economists and environmentalists and to extend the analysis by looking at the local system of knowledge in the Third World and ways in which gender, class and ethnicity affect intergenerational access to scare resources.

Contact: **Professor Allen Isaacman, Department of History**
Director, MacArthur Interdisciplinary Program on Peace and International Cooperation
University of Minnesota, Minneapolis, MN 55455
Tel. 612 624 4320; fax. 626 2242; isaac001 *a* maroon.tc.umn.edu

INVENTORY OF LINKAGES BETWEEN SOUTH AFRICAN ACADEMIC INSTITUTIONS AND NEIGHBORING INSTITUTIONS IN SOUTHERN AFRICA

From South African respondents:

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ASSOCIATION OF PUBLIC RELATIONS OFFICIALS OF SOUTHERN AFRICAN UNIVERSITIES AND TECHNIKONS (UNITECH)

Southern African partners: Universities in **Angola, Botswana, Lesotho, Namibia, Mozambique, Swaziland and Zimbabwe**

Contacts: Members of UNITECH

Status of relationship: Already established

Type of linkage: Annual conferences; workshops; series of training seminars

Main academic fields: All the branches of advancement--internal and external activities that have an impact of the growth and development of the member institutions

Comments: UNITECH's goals are to raise the level of professionalism in the field of university advancement, represent the sector, increase philanthropy

Contact: **Dr. Sunley Uys, Chairperson, UNITECH**
University of Stellenbosch
Private Bag X 5018, Cape Town 7599

POTCHEFSTROOM UNIVERSITY FOR CHRISTIAN HIGHER EDUCATION

Southern African partner:	**Christian College of Southern Africa**
Contact:	Tel. 263 4 792 721, P.O. Box 3488, Harare
Status of relationship:	Already established
Type of linkage:	Faulty exchange; visiting scholar
Main academic fields:	Education
Source of funding:	Own institution
Number of participants:	To Zimbabwe--2; to South Africa--1 (in 1995)
Main benefits:	Understanding the problems and needs of higher education in Africa
Main constraints:	Funding
Contact:	**Professor Albert Johannes Viljoen, Vice Rector** **Potchefstroom University for Christian Higher Education** **Private Bag X6001, Potchefstroom 2520** **Tel. 27 148 299 2601; fax. 2603**
Additional experts:	Professor Benny J. van der Walt, Institute for Reformational Studies (IRS)

RHODES UNIVERSITY

Southern African partner:	**Kunswana Trust**
Contact:	Keith Goddard, 263 4 301 519, 73 Quorn Avenue, Mt. Pleasant, Harare
Status of relationship:	Already established
Type of linkage:	Faulty exchange; visiting scholar; post-doctoral study; collaborative research
Main academic fields:	Music and dance
Source of funding:	South African trust
Number of participants:	To Zimbabwe--5; to South Africa--1
Main benefits:	Cordial relationships for future research in Zimbabwe; exchange of students and performing groups
Main constraints:	Lack of funding at both ends

Southern African partner:	**Zimbabwe College of Music**
Contact:	Mr. Kadenge, Director, Rotten Row, Harare
Status of relationship:	Already established
Type of linkage:	Visiting scholar; post-doctoral study; collaborative research
Main academic fields:	Music and dance
Source of funding:	South African trusts
Number of participants:	To Zimbabwe--1; to South Africa--2
Main benefits:	Cordial relationships for future research in Zimbabwe
Main constraints:	Lack of funding at the Zimbabwe end; rivalries between College of Music and University of Zimbabwe

Southern African pariner:	**Lesotho Academy of the Performing Arts** P.O. Box 146, Maseru 100
Contact:	Mr. Tsokolo Muso
Status of relationship:	In the planing stages
Type of linkage:	Visiting scholar; post-doctoral study; collaborative research
Main academic fields:	Music, dance and oral literature
Source of funding:	South African trusts
Number of participants:	To Lesotho--2
Main benefits:	Cordial relationships for future research in Lesotho
Main constraints:	Lack of funding at the Lesotho end

Southern African partner: **Ministry of Culture**
P.O. Box 1742, Av. Patrice Lumumba No 1217, Maputo
Contact: Dr. J.M.M. Matupha, Minister of Culture
Status of relationship: Already established
Type of linkage: Visiting scholar; library exchange; post-doctoral study; collaborative research
Main academic fields: Music; dance; organological and historical research
Source of funding: South African trusts; Government of Mozambique
Number of participants: To Mozambique--3; to South Africa--2
Main benefits: Cordial relationships for future research in Mozambique; exchange of performing groups
Main constraints: Lack of funding at the Mozambique end; war conditions in Mozambique and aftermath; political tensions, now largely over

Southern African partner: **Oral Literature Research Programme**
Contact: Moya A. Malamusi, 265 661 357, Singano Village
P.O. Box 75, Chileka, Malawi
Status of relationship: Already established
Type of linkage: Visiting scholar; collaborative research
Main academic fields: Music; dance; oral literature
Source of funding: South Africa trusts; Germany
Number of participants: To Malawi--1; to South Africa--7
Main benefits: Cordial relationships for future research in Malawi; exchange of performing groups
Main constraints: Lack of funding at the Malawi end

Southern African partner: **Unesco National Commission**
P.O. Box 20384, Dar es Salaam
Contact: N.E. Mnzava, Secretary General
Status of relationship: In the planning stages
Type of linkage: Visiting scholar; attending each other's conferences
Main academic fields: Music and dance
Source of funding: South African trusts
Number of participants: None as yet
Main benefits: Cordial relationships with the world body for the sake of future research in southern Africa
Main constraints: Disorganization of the Unesco secretariat

Southern African partner: **Ministry of Arts and Culture**
P.O. Box 5071, Ausspannplatz, Windhoek
Contact: Ms. R.L. Hofmeyr
Status of relationship: Already established
Type of linkage: Visiting scholar; post-doctoral study; collaborative research
Main academic fields: Music; dance; music education
Source of funding: South African trusts; Government of Namibia
Number of participants: To Namibia--4; to South Africa--3
Main benefits: Cordial relationships for future research in Namibia; exchanges
Contact: **Andrew Tracey, Director, International Library of African Music**
27 461 318 557; fax. 24411; illa@hippo.ru.ac.za
Additional experts: Ms. Gege Kekana, Librarian

Southern African partner: **University of Dar es Salaam**
Contact: Dr. J. Matondo and Dr. F.W. Mtalo, Civil Engineering Department
Tel. 255 51 04501; fax. 43029; wrep@unidar.gn.apc.org
Status of relationship: Already established
Type of linkage: Collaborative research
Main academic fields: Science (hydrology)
Source of funding: Government (Water Research Commission); Unesco
Number of participants: To Tanzania--1; to South Africa--1
Main benefits: Closer links with other southern African universities working in hydrology; better justification for Unesco funding, improved familiarisation with southern African hydrological problems
Main constraints: Communication into southern Africa; lack of good data to which to apply research techniques
Contact: **Professor D.A. Hughes, Institute for Water Research (IWR)**
Tel. 27 461 24014; fax. 24014; denis@iwr.ru.ac.za
Additional experts: Mr. K. Sami, IWR

Southern African partner: **University of Zimbabwe**
Contact: Department of Geography, P.O. Box MP 168, Mount Pleasant, Harare
Status of relationship: Already established
Type of linkage: Visiting scholar; collaborative research
Main academic fields: Agriculture and natural resources
Source of funding: Government
Number of participants: To Zimbabwe--1; to South Africa--1
Contact: **Mr. Etienne Nel, Department of Geography**
Tel. 27 461 318 321; fax. 461 25049; ggen@warthog.ru.ac.za
Additional experts: R.C. Fox, Acting Head, Department of Geography

Southern African partner: **National University of Lesotho**
Contact: Dr. Thikhoi Jonathan, Chemistry Department, tel. 266 340 601; fax. 340 000
P.O. Box Roma 180, Maseru
Status of relationship: Already established
Type of linkage: Faculty and student exchange
Main academic fields: Science
Source of funding: Government
Number of participants: To South Africa--2
Main benefits: Training students (M.Sc. and Ph.D.) that are part of staff development for the National University of Lesotho
Contact: **Dr. Tebello Nyokong, Chemistry Department**
Rhodes University, P.O. Box 94, Grahamstown 6140
Tel. 27 461 318 260; fax. 25109; chet@kudu.ru.ac.za

Southern African partner: **National University of Lesotho**
Contact: Prof. Gisela Prasad, ISAS
Status of relationship: Already established
Type of linkage: Collaborative research
Main academic fields: Sociology; gender studies
Source of funding: U.S. foundations
Number of participants: To Lesotho--4; to South Africa--2
Main benefits: Participation in a community-wide research programme
Contact: **Professor P. A. McAllister, Director,**
Institute of Social and Economic Research (ISER)
Tel. 27 461 24811; fax. 23948; isse@hippo.ru.ac.za
Additional experts: Dr. C. Manona, ISER

Southern African partner	**Southern Africa Regional Institute for Policy Studies (SAPES)**
Contact	Senior Documentalist
Southern African partner	**Chancellor College, University of Malawi**
	P.O. Box 280, Zomba
Contact	The librarian
Southern African partner	**University of Zimbabwe**
Contact	The librarian
Southern African partner	**National Museum, Monuments and Art Gallery**
	Private Bag 00114, Gaborone, Botswana
Contact	The Director
Southern African partner	**Journal of Social Development in Africa**
	Private Bag 66022, Kopje, Harare
Contact	The Editor
Status of relationship	The first three, the planning stages; the last two, already established
Type of linkage	Library exchange
Main academic fields	International studies
Source of funding	Institute of Social and Economic Research (ISER)
Number of participants	None
Main benefits	Exchange of information
Contact	**Nona de Villiers, Publications Officer, Institute of Social and Economic Research (ISER)**
	Tel. 27 461 318 550; fax. 23948; isse@hippo.ru.ac.za
Additional experts	Professor P.A. McAllister, Director, ISER

UNIVERSITY OF CAPE TOWN

Southern African partner	**University of Botswana**
Contact	Professor J.S. Nkoma, Dean of Science
Type of linkage	Faculty and student exchange, visiting scholar, post-doctoral study, collaborative research
Main academic fields	Science (chemistry and microbiology)
Number of participants	To Botswana--3; to South Africa--3
Southern African partner	**University of Dar es Salaam**
Contact	Professor I.M. Luhanga, Vice Chancellor
Type of linkage	Faculty and student exchange, visiting scholar, post-doctoral study, collaborative research
Main academic fields	Science (marine biology), engineering
Number of participants	To Tanzania--3; to South Africa--3
Southern African partner	**University of Malawi**
Contact	Professor B.B. Chimphamba, Vice Chancellor
Type of linkage	Faculty and student exchange, visiting scholar, post-doctoral study, collaborative research
Main academic fields	Science, engineering
Number of participants	Will start in 1996

Southern African partner: **University of Zambia**
Contact: Professor Andrew Siwela, Vice Chancellor, P.O. Box 32379, Lusaka
Type of linkage: Faculty and student exchange; visiting scholar; post-doctoral study; collaborative research
Main academic fields: Engineering; chemical engineering
Number of participants: To Zambia--3; to South Africa--3

Southern African partner: **University of Zimbabwe**
Contact: Mrs. M.S. Murandu, Director, Public Affairs
Tel 263 4 303 211, ext 1828; fax: 333 407
Type of linkage: Faculty and student exchange; visiting scholar
Main academic fields: Science
Number of participants: To Zimbabwe--3; to South Africa--3
For all the linkages listed above:
Status of relationship: Already established
Source of funding: U.S. foundation
Main benefits: Long-term sustainable research collaboration in important areas of science and engineering, which results in research outputs, training, and capacity building of African scientists who remain in Africa and continue to contribute to research and development in southern and East Africa
Main constraints: The programme is at an early stage and time has been spent on advertising the fellowships and in identifying priority areas for each country. No constraints or problems have been encountered at this stage
Contact: **Professor David R. Woods, Deputy Vice Chancellor (Research**
University of Cape Town, Private Bag, Rondebosch 7700, South Africa
Tel. 27 21 650 2174; fax. 650 2138; aesdrw@bremner.uct.ac.za
Additional experts: Ms. Lesley Shackleton, Project Coordinator (Tel. 27 21 683 5785)

UNIVERSITY OF NATAL

Southern African partner: **University of Botswana**
Contact: Prof. Sisai Mpunchune, Department of Biological Sciences
Tel. 267 351 151; fax. 356 591
Status of relationship: Already established
Type of linkage: Network on mycotoxin problems/workshops
Main academic fields: Agriculture and natural resources (commodity quality); health (health and nutrition); science (analysis)
Source of funding: United Nations Food and Agriculture Organisation (FAO)
Number of participants: To Botswana--1
Main benefits: It is mainly to benefit other southern African countries through exchange of information and expertise and teaching workshops on mycotoxin analysis; use of contacts to get samples and information
Main constraints: Lack of funding for this type of work

Southern African partner: **University of Zimbabwe**
Contact: Dr. Lillian Marovatsanga, Institute of Food and Nutrition
Tel. 263 4 303 211; fax. 333 407; lmarova@zimbix.uz.zw
Status of relationship: Already established
Type of linkage: Network on mycotoxin problems/workshops
Main academic fields: Health and nutrition
Source of funding: United Nations Food and Agriculture Organisation (FAO)
Number of participants: To Zimbabwe--1
Main benefits: It is mainly to benefit other southern African countries

Main constraints: Lack of funding
Contact: **Professor M.F. Dutton, Department of Physiology**
University of Natal, P.O. Box 17039, Congella 4013
Tel. 27 31 250 4218; fax. 260 4455; dutton@med.und.ac.za

Southern African partner: **University Eduardo Mondlane**
Status of relationship: In the planning stages
Type of linkage: Postgraduate student exchange
Main academic fields: Medicine (surgery)
Source of funding: Parent university
Number of participants: To Mozambique--1
Main benefits: Goodwill
Main constraints: Financial
Contact: **Professor J.V. Robbs, Head, Department of Surgery**
University of Natal Faculty of Medicine
P.O. Box 17039, Congella 4013
Tel. 27 31 260 4219; fax. 4389; reddys@med.und.ac.za

Southern African partner: **Hillside Teachers College**
Contact: Wilson Bako, Principal, tel. 263 9 42283, Private Bag 2, Hillside, Bulawayo
Status of relationship: Already established
Type of linkage: Collaborative research
Main academic fields: Education
Source of funding: University of Natal
Number of participants: To Zimbabwe--1
Main benefits: Ethnographic data on the development of the post-Independence curriculum
Main constraints: Financial
Contact: **Ms. Elizabeth de Lowerntal, Faculty of Medicine**
University of Natal
P.O. Box 17093, Congella 4013
Tel. 031 260 4475; fax. 4492; ball@med.und.ac.za

Southern African partner: **Lutheran Theological College Makwuira**
P.O. Box 55, USA River, Tanzania
Contact: Dr. Wilson B. Niwagia, Principal
Type of linkage: Visiting scholar; training of lecturers/students at UNP; advice given on implementation of master's program
Main academic fields: Education; development of master's program in theology
Number of participants: To Tanzania--2; to South Africa--1
Main benefits: Deeper insight into the main issues facing African theology; greater awareness of the needs of Africa beyond the narrow confines of South Africa
Main constrains: Communication
Contact: **Professor Gunther H. Wittenberg, School of Theology**
University of Natal Pietermaritzburg
Private Bag X01, Scottsville 3209
Tel. 27 331 260 5574; fax. 5858; theo-sec@theology.unp.ac.za
Additional experts: Professor Draber, School of Theology

Southern African partner: **University Eduardo Mondlane**
Contact: Tel. 492 142; fax. 492 176
Type of linkage: Faculty and student exchange
Main academic fields: Education; agriculture and natural resources (agricultural engineering; irrigation)
Number of participants: To South Africa--1
Main benefits: Student and staff exchanges; postgraduate students
Main constraints: Funding for travel and postgraduate study
Contact: **Dr. Jep Green, Department of Agricultural Engineering**
University of Natal Pietermaritzburg
Private Bag X01, Scottsville 3209
Tel. 27 331 266 5486; fax. 5818
Additional experts: Professor R.E. Schulze, Department of Agricultural Engineering

Southern African partner: **Botswana College of Agriculture**
Contact: Dr. N.G. Musonda, tel. 267 328 831; fax. 753; musondag@noka.ub.bw
Private Bag 0027, Gaborone
Type of linkage: Faculty exchange; collaborative research; external examiners
Main academic fields: Agriculture and natural resources; engineering
Source of funding: University and research
Number of participants: To Botswana--1
Main benefits: Wide point of view with regard to curriculum and research
Main constraints: Funds and time
Contact: **Professor P.W. Lyne, Department of Agricultural Engineering**
University of Natal Pietermaritzburg
Private Bag X01, Scottsville 3209
Tel. 27 331 260 5483; fax. 5818; lyne@aqua.ccwr.ac.za
Additional experts: Professor A.C. Hansen, Department of Agricultural Engineering

Southern African partner: **University of Zambia**
Contact: Dr. Ngosa Simbyakulu, Acting Dean, Faculty of Law
Tel. 260 1 292 884; fax. 253 952
Status of relationship: Already established
Type of linkage: External examiner; planned: faculty exchange; internship program; collaborative research
Main academic fields: Law
Source of funding: Universities; other foundations for planned activities
Number of participants: To Zambia--1
Main benefits: Obtain an understanding of how Zambia's Law School teaches and researches law; share experiences in teaching, curriculum development and research; share experiences as colleagues teaching law in an African context
Main constraints: Funding for planned activities named
Contact: **Professor David McQuoid-Mason, Faculty of Law**
University of Natal Durban, P.O. Box X10 Dalbridge 4014
Tel. 27 31 260 2558; fax. 2559; mcquoidm@law.und.ac.za
Additional experts: Dr. Roshen Kishun, Director, International Office

UNIVERSITY OF THE ORANGE FREE STATE (UOFS)

Southern African partner	**Justo Mwale Theological College** P.O. Box 310199, Lusaka, Zambia
Contact	Dr. R. Venter
Number of participants	To Zambia--3; to South Africa--2
Southern African partner	**Namibia Evangelical Theological Seminary (NETS)** P.O. Box 158, Windhoek 9000
Contact	Dr. G.L. Buys, Principal, tel. 264 61 222 885
Status of relationship	Already established
Source of funding	Student exchange; visiting scholar; library exchange; collaborative research
Main academic fields	Theology--all disciplines
Source of funding	Church; university
Number of participants	To Namibia--4; to South Africa--2
Main benefits	Contact with theologians in an African context; mutual research
Main constraints	The lower academic standard of the present curricula
Contact	**Professor S.A. Strauss, Faculty of Theology** **Tel. 27 51 401 2667; fax. 489 203**
Additional experts	Professor R.M. Britz, Church History
Southern African partner	**National University of Lesotho**
Contact	Ms. N. Nindi, Department of Chemistry
Type of linkage	Visiting scholar
Main academic fields	Science (chemistry research)
Number of participants	To South Africa--3
Main benefits	Source of postgraduate students
Main constraints	Funding
Contact	**Professor A. Roodt, Department of Chemistry** **Tel. 27 51 401 2923; fax. 307 805; char@uovs.vml.uovs.ac.za**
Southern African partner	**National University of Lesotho**
Contact	Mrs. T. Matobo, Department of Social Anthropology and Sociology Tel. 266 340 601
Status of relationship	Already established
Type of linkage	Student exchange; drawn up a proposal for collaborative research
Main academic fields	Health (social aspects of AIDS), sociology
Source of funding	Applications to WHO and Medical Research Council (MRC)
Number of participants	To Lesotho--3; to South Africa--4
Main benefits	Collaborative research and training in research methodology; comparative data; establishment of friendly relationship; way to attract postgraduate students; exposure of students of two institutions to each other
Main constraints	Communication (Lesotho telephone lines very bad); busy schedules; feedback from Lesotho colleagues
Contact	**Christi Heunis, Department of Sociology** **Tel. 27 51 401 2918; fax. 480 370; sosdeg@rs.uovs.ac.za**
Additional experts	Professor H.C.J. Rensburg, Centre for Health Systems Research and Development
Southern African partner	**University of Botswana**
Contact	Dr. Thabo Fako, Department of Sociology, tel. 267 351 151, fax. 313 059
Number of participants	To Botswana--4; to South Africa--4

Southern African partner: **National University of Lesotho**
Contact: Professor Benson Nindi/Dr. Itu Kimane, Department of Sociology and Social Anthropology, tel. 266 340 601; fax. 340 000
Number of participants: To Lesotho--7; to South Africa--10

Southern African partner: **University of Swaziland**
Contact: Mr. Charles Ngwena, Department of Law, tel. 268 84011 fax. 85276
Number of participants: To Swaziland--2; to South Africa--1

Southern African partner: **University of Zimbabwe**
Contact: Dr. Geoffrey Woelk, Department of Community Medicine
Tel. 263 4 791 631; fax. 333 407; woelk@mango.apc.org
Status of relationship: Already established
Type of linkage: Collaborative research
Main academic fields: Health (health systems research/health policy research)
Source of funding: Human Sciences Research Council (HSRC)
Number of participants: To Zimbabwe--3
Main benefits: Inter-country teaching and research exchange/collaboration and accompanying capacity building to both sides
Main constraints: Financial and manpower; different cultures of research traditions
Contact: **Professor H.C.J. Rensburg, Centre for Health Systems Research**
Tel. 27 51 401 2181; fax. 480 370; svr@rs.uovs.ac.za
Additional experts: Ms. E. Kruger, Centre for Health Systems Research

Southern African partner: **University of Zambia**
Contact: Dr. Aiden Mambwe, Department of Psychology
Tel. 260 1 252 514; fax. 253 952
Type of linkage: Faculty exchange; visiting scholar
Main academic fields: Health (psychology)
Main benefits: Expanding academic horizons; making psychology more Africa-relevant; collaborative research
Main constraints: Technical communication problems (telephone and fax lines out of order, no answers, letters take months to reach their destination); funding
Contact: **Professor D.A. Louw, Department of Psychology**
Tel. 27 51 401 2444; fax. 475 719; gnskdapl@uovs.ac.za
Additional experts: Professor P.M. Heyns, Department of Psychology

Southern African partner: **University of Zimbabwe**
Contact: Dr. J. Read, Department of Biochemistry
Tel. 263 4 303 211; fax. 333 407; jsread@esanet.zw
Status of relationship: Already established
Type of linkage: Student exchange; collaborative research
Main academic fields: Science (biochemistry)
Number of participants: To South Africa--1 (4 on short visits)
Main benefits: Regional collaboration and sharing of expertise with the arm of conservation and study of southern Africa
Main constraints: Funding for travel and expenses for projects
Contact: **Professor Derek Litthauer, Department of Microbiology and Biochemistry**
Tel. 27 51 401 2472; fax. 482 004; derek@wwg3.uovs.ac.za

UNIVERSITY OF PRETORIA

Southern African partner: **University of Botswana**
Contact: Mr. Moitally Dikgokgwane, tel. 267 351 151, x2328; fax. 356 591

Southern African partner: **National University of Lesotho**
Contact: Kenneth Asamoa Acheampong, tel. 266 340 601; fax. 340 000

Southern African partner: **University of Malawi Chancellor College**
Contact: Emillias Dokali, Faculty of Law, tel. 265 522 222; fax. 522 046

Southern African partner: **University of Namibia**
Contact: Prof. M.O. Hinz, Deputy Dean, Faculty of Law
Tel. 264 61 242 421; fax. 242 644, Private Bag 13001, Windhoek 9000

Southern African partner: **University of Swaziland**
Contact: Muhawu Maziya, tel. 268 84747; fax. 85276

Southern African partner: **University of Dar es Salaam**
Contact: Zebron Steven Gondwe, Sifuni Ernest Mchome, tel. 255 51 43254;
laws@unidar.gn.apc.org

Southern African partner: **University of Zambia**
Contact: Dr. Michael Hansungule, School of Law, tel. 260 1 254 408; fax. 294 283
simbyakula@f1.n76.z5.fidonet.org

Southern African partner: **University of Zimbabwe**
Contact: Professor Victor Nkiwane, Arthur Manase, Faculty of Law
Tel. 263 4 303 211; fax. 333 407
Status of relationship: Already established
Type of linkage: Participation in the All African Human Rights Moot Court Competition
Main academic fields: Human rights and law
Number of participants: From South Africa--8; to South Africa from all over Africa--150 (in the period 1992-95)
Main benefits: Human rights education for African lawyers and students; cultural enrichment of participants; professional links between academics and lawyers
Main constraints: Funding; massive organisation; difficult communications
Contact: **Professor Christof Heyns, Centre for Human Rights, Faculty of Law**
University of Pretoria, Pretoria 0001, South Africa
Tel. 27 12 420 3228; fax. 434 021; chheyns@econ.up.ac.za
Additional experts: Professor Johann van der Westhuizen, Centre for Human Rights

UNIVERSITY OF SOUTH AFRICA (UNISA)

Southern African partner: **Copperbelt University**
Contact: Dr. M.C. Mpuko, P.O. Box 21692, Kitwe, Zambia
Tel. 260 2 225 155; fax. 222469
Status of relationship: Already established
Type of linkage: Faculty exchange; research
Main academic fields: Education; business
Main benefits: Regional development; research; lecturer exchange; external examiners; gaining a presence

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Main constraints: Finances; language (in Angola and Mozambique); political barriers.
Contact: **Professor Phillip du Plessis, Graduate School of Business Leadership**
University of South Africa (UNISA)
P.O. Box 392, Pretoria 0001, South Africa
Tel. 27 11 652 0331; fax. 652 0299; dplespj@alpha.unisa.ac.za
Additional experts: Professor W.M.J. Hugo, Executive Director

UNIVERSITY OF THE WESTERN CAPE

Southern African partner: **University Eduardo Mondlane**
Contact: Dr. Brazao Mazula, Vice Chancellor
Number of participants: To Mozambique--4; to South Africa--7

Southern African partner: **University of Namibia**
Contact: Dr. Peter Katjavivi, Vice Chancellor, tel. 264 61 207 911; fax. 206 3700
Number of participants: To Namibia--10; to South Africa--6

Southern African partner: **University of Zimbabwe**
Contact: Professor G.L. Chavunduka, Vice Chancellor, tel. 263 4 303 211; fa. 333 407
Status of linkage: Already established
Number of participants: To Zimbabwe--4; to South Africa--3
Type of linkage: Collaborative research; faculty and student exchange; Unitwin[1] Network
Main academic fields: Education; agriculture and natural resources; law; health; science; African studies
Funding source: Unesco
Main benefits: Inter-institutional cooperation with regard to academic capacity building; research development; sharing of resources; exchange of faculty and students.
Main constraints: Scarce resources (financial and otherwise); poor communication.
Contact: **Professor Stanley G. Ridge, tel. 27 21 959 2627**
Additional expert: Professor Jan Persens, Department of Mathematics & Applied Mathematics

UNIVERSITY OF THE WITWATERSRAND

Southern African partner: **Desert Ecological Research Unit of Namibia**
P.O. Box 1592, Swakopmund 9000
Contact: Fax. 264 641 61300
Status of relationship: Already established
Type of linkage: Collaborative research
Main academic fields: Health.

Southern African partner: **National University of Lesotho**
P.O. Box Roma 180, Maseru;
Contact: Tel. 266 340 601; fax. 266 340 000
Status of relationship: Already established
Type of linkage: Research supervision
Main academic fields: Health.

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[1]The Unesco Unitwin Networking program has three components--North-North, North-South, and South-South. For this last, Unesco funds four chairs of different specialization at four participating universities in southern Africa--University Eduardo Mondlane (geography and environmental studies); UNAM (human rights and law); UWC (maths and science education); and UZ (medicine and immunology).

Southern African partner: **National University of Science and Technology (NUST)**
Contact: Tel. 263 9 76833; fax. 2639 76804, P.O. Box 346, Bulawayo
Status of relationship: Already established
Type of linkage: Student exchange
Main academic fields: Health

Southern African partner: **University of Botswana**
Contact: Private Bag 022, Gaborone; tel. 267 351 151; fax. 267 356 591
Status of relationship: Already established
Type of linkage: Research supervision
Main academic fields: Health

Southern African partner: **University of Dar es Salaam**
Contact: P.O. Box 35091, Dar es Salaam; tel. 255 51 49192; fax. 255 51 48274
Status of relationship: Already established
Type of linkage: Collaborative research
Main academic fields: Arts

Southern African partner: **University Eduardo Mondlane**
Contact: P.O. Box 257, Maputo; tel. 258 1 427 851
Status of relationship: Already established
Type of linkage: Faculty and student exchange; external examiners/joint courses
Main academic fields: Education; arts

Southern African partner: **University of Swaziland**
Contact: Private Bag 4, Kwaluseni; tel. 268 84011; fax. 268 85276
Status of relationship: Already established
Type of linkage: Faculty exchange
Main academic fields: Arts

Southern African partner: **University of Zimbabwe**
Contact: P.O. Box MP 167, Mount Pleasant, Harare; tel. 263 4 303 211; fax. 732 828
Status of relationship: Already established
Type of linkage: External examiners/joint courses
Main academic fields: Arts; science
Contact: **Ms. Kirstin Nussgruber, International Office**
University of the Witwatersrand, Private Bag 4, Wits 2050
Tel. 27 11 716 4342; fax. 403 1385; 160kir@atlas.wits.ac.za
Additional expert: Dr. D. Swemmer, Registrar (Academic)

Southern African partner: **All southern African universities**
Comments: Arising from the Wits Mission Implementation Project, Wits is in close contact with all universities in the SADC region (plus Kenya and Uganda). The principal means for extending these linkages is the establishment of the Wits Visiting African Scholar programme, which has just appointed its first Visiting Scholar from Zimbabwe.
Contact: **Professor Charles van Onselen, Institute for Advanced Social Research**
Tel. 27 11 716 2520; fax. 8030

From Southern African respondents

(Southern African institutions reported some additional links with South African institutions. Because the emphasis in the questionnaire sent to them was on their U.S. linkages, the section on South African linkages asked them simply to list the South African institution's name and contact person, not requesting any further detail.)

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OPEN UNIVERSITY OF TANZANIA

South African partner: **University of South Africa (UNISA)**
Contact: Rector
Contact: **Professor Geoffrey Mmari, Vice Chancellor**
Open University of Tanzania
P.O. Box 23409, Dar es Salaam
Tel. 255 51 68445
Additional expert: Professor Abdu M. Khamisi, Deputy Vice Chancellor

UNIVERSITY OF BOTSWANA

South African partner: **University of Cape Town**
Contact: Professor David R. Woods, Deputy Vice Chancellor Research
Main academic fields: Microbiology
Contact: **Professor John S. Nkoma, Dean, Faculty of Science**
University of Botswana, Private Bag 0022, Gaborone

UNIVERSITY EDUARDO MONDLANE

South African partner: **University of Pretoria**
Contact: Professor Ronosi Mokate, Director, Centre for Economic and Social Reconstruction, tel. 27 12 342 712; fax. 420 9111

University of the Western Cape
Tel. 27 21 959 2973; fax. 2911

University of the Witwatersrand
Fax. 27 11 339 7740
Contact: **Sandra Lopes, Director of Public Relations**
University Eduardo Mondlane
P.O. Box 257, Praca de Junho, 37, Maputo
Tel. 258 1 424 429; fax. 428 411

UNIVERSITY OF DAR ES SALAAM

South African partner: **University of Cape Town**
Contact: Professor Martin West, Deputy Vice Chancellor
Tel. 27 21 650 2175; fax. 650 2138
Type of linkage: Memorandum of understanding signed in February 1995 at University level for cooperation in science and engineering. Exchange of top level visits have been made.

South African partner: **Rand Afrikaans Universities (RAU)**
Contact Prof. J.D. van Wyk, Vice Rector, tel. 27 11 489 3012; fax. 726 8373, pss@rau.ac.za, P.O. Box 524, Johannesburg 2000
Type of linkage: Currently supervising one PhD student. No formal link yet.

South African partner: **University of Pretoria**
Contact Professor Alex Visser, tel. 27 12 420 2429; fax. 433 589
Type of linkage Cooperation in roads engineering. No formal link yet.

South African partner: **Rhodes University**
Contact Professor D.A. Hughes, Institute for Water Research
Tel. 27 461 24014; fax. 461 25049
Type of linkage: Cooperation in research on flow regimes (FRIEND) in SADC region.
Contact: **Professor P.N. Materu, Dean, Faculty of Engineering**
University of Dar es Salaam, P.O. Box 35131, Dar es Salaam, Tanzania
Tel. 255 51 43753; fax. 43380; materu@unidar.gn.opc.org

UNIVERSITY OF DAR ES SALAAM

South African partner: **University of Natal Pietermaritzburg**
Contact: Dean, Faculty of Agriculture
Type of linkage: Staff exchange, organizing workshops and conferences and collaborative research
Contact: **Faculty of Agriculture, UNISWA, and Ohio State University**

UNIVERSITY OF NAMIBIA

South African partner: **University of the Western Cape**
Unesco Unitwin Networking program.
Contact: **Dr. Itah Kandjii-Murangi, Director, International and Public Affairs Unit, Vice Chancellor's Office**
Private Bag 13301, Windhoek 9000
Tel. 264 61 206 3066; fax. 242 644

UNIVERSITY OF NAMIBIA

South African partner: **Committee of University Principals (CUP)**
Affiliated membership.
Contact: **Dr. Itah Kandjii-Murangi, Director, International and Public Affairs Unit, Vice Chancellor's Office**

UNIVERSITY OF ZIMBABWE

South African partner: **University of Cape Town**
Contact: Professor Anton P. Le Roux, Head, Department of Geological Science
Tel. 27 21 650 2931; fax. 3783
Status: Already established
Type of linkage: Collaborative building program
Academic fields: Science and engineering.
Contact: **Dr. Thomas Blenkinsop, Senior Lecturer and Head, Department of Geology**

UNIVERSITY OF ZIMBABWE

South African partner: **University of Fort Hare**
Contact: Dr. C.T. Kadzere, Department of Animal and Pasture Science
Private Bag X1314, Alice 5700

Contact: **Dr. P. Ndlovu, Department of Animal Science**
Tel. 263 4 303 211; fax. 333 407

UNIVERSITY OF ZIMBABWE

U.S. partner: **University of Cape Town**
Contact: Bill Nasson/Ian Phiminster, Department of History
Status: In the planning stages
Type of linkage: Faculty and student exchange; collaborative research
Academic fields: Economic history.
Contact: **Professor Alois Mlambo, Chairman, Economic History Department, Deputy Dean, Faculty of Arts**

UNIVERSITY OF ZIMBABWE

South African partner: **University of Cape Town**
Contact: Professor A. Ball and Dr. C.I. Lang, tel. 27 21 650 3173; fax. 3177
Contact: **Dr. Oswald Chinyamakobvu, Senior Lecturer and Department Chairman Department of Metallurgical Engineering**
Tel. 263 4 303 211; fax. 303 280

UNIVERSITY OF ZIMBABWE

South African partner: **University of the Witwatersrand**
Contact: Department of Mining Engineering
Contact: **J.G. Voss, Department of Mining Engineering**

UNIVERSITY OF ZIMBABWE

South African partner: **University of Cape Town**
Contact: Professor C. Merry, tel. 27 21 650 9111; fax. 3572
Contact: **Dr. P. Matambanadzo, Chairman, Department of Surveying**
Tel. 263 4 303 211, ext 1655; fax. 303 280

UNIVERSITY OF ZIMBABWE

South African partners: **University of Natal Institute of Natural Resources, University of Witwatersrand,** other South and southern African institutions and the IUCN World Conservation Union Regional Office for Southern Africa
Comments: The purpose of this collaboration is the promotion of applied interdisciplinary research work in natural resource management in southern Africa. The first activity was a workshop at the University of Natal in October 1995 for approximately 40 researchers from sociological and biological backgrounds from universities and other research institutions in southern Africa.
Contact: **Professor Marshall Murphree, Director, Centre for Applied Social Sciences**

UNIVERSITY OF ZIMBABWE

South African partner: **University of the Orange Free State**
Contact: Professor D. de Waal, Department of Mathematical Statistics
Fax 27 51 474 573; wwdw@wwg3,vovs.ac.za
Comments: The University of the Free State offered a scholarship for an M.Sc. degree.

Contact: **Mrs. Erica Keogh, Chairperson, Department of Statistics**
Tel 263 4 303 211, x 1636; fax. 333 407; keogh@zimbix.ubz.zw

UNIVERSITY OF ZIMBABWE

South African partner: **University of Natal Pietermaritzburg**
Contact: Professor Alan Wilson, Department of Geology
Tel. 27 331 260 5872; fax. 5594
Contact: **Dr. Thomas Blenkinsop, Senior Lecturer and Head, Department of Geology**

UNIVERSITY OF ZIMBABWE

South African partner: **University of the North**
Contact: Professor Tyobeka, Department of Biochemistry
Contact: **Dr. Bubuya Masola, Chairman of the Biochemistry Department**
Professor Hasler

UNIVERSITY OF ZIMBABWE

South African partner: **University of Pretoria**
Contact: Professor P. Wessels/C. Rademeyer, Chemistry Department
Tel. 27 12 420 2512; fax. 456 865; pwessels@scentif.up.ac.za
Contact: **Dr. Emmanuel G. Hove, Chair, Department of Chemistry**

UNIVERSITY OF ZIMBABWE

South African partner: **University of the Orange Free State**
Contact: Professor F.J. Swanepoel, Department of Animal Science, tel. 27 51 401 2210; fax. 480 692
Contact: **Dr. Lindela R. Ndlovu, Dean, Faculty of Agriculture**

UNIVERSITY OF ZIMBABWE

South African partner: **University of the Witwatersrand**
Contact Professor Darrell Commins, Department of Physics
Contact: **Dr. Marjorie Mujaji, Department of Physics**

UNIVERSITY OF ZIMBABWE

South African partner: **University of the Northwest**
Contact: Professor Jonathan Cowley, Department of Geography
Private Bag X2046, Mafikeng 8681
Type of linkage: Program of External Examiners.
Contact: **Dr. Lovemore Zinyama, Department of Geography**

UNIVERSITY OF ZIMBABWE

South African partner: **University of Durban-Westville**
Contact: Professor L. Somova, Department of Physiological Chemistry
Tel. 27 31 822 132; fax. 820 2383, Private Bag X54001, Durban 4000
Contact: **Dr. Jacob Mufunda, Dean, Faculty of Medicine**
Tel. 263 4 722 223; fax. 724 912

APPENDICES

I. Summary of U.S. and southern African linkages, alphabetically by U.S. institution (for more detail, see individual listings in each chapter by southern African country)

Advanced Tissue Sciences
University of Zimbabwe
Alabama A&M University
University of Botswana
Andrews University
Solusi University Zimbabwe
Associated Colleges of the Midwest (ACM)
University of Zimbabwe
Auburn University
University of Namibia
Boston University School of Law
University Eduardo Mondlane
Bowdoin College
University of Botswana
Brown University
University of Botswana
University of Malawi Polytechnic
University of Dar es Salaam (2)
California State Polytechnic University
National University Science & Technology
University of Swaziland
California State University Northridge
University of Botswana
California State University Long Beach
University of Zimbabwe
Case Western Reserve University
University of Zimbabwe
Central College
University of Botswana
Chatfield College
University of Zimbabwe
Claflin College
Africa University Zimbabwe
Clark Atlanta University
National University of Lesotho
University of Zimbabwe
Cleveland State University
University of Botswana (2)
Colorado School of Mines
University of Zimbabwe
Columbia University Teachers' College
University of Dar es Salaam
Connecticut College
University of Dar es Salaam
Consortium of American Lutheran Colleges (LCCT)
University of Dar es Salaam
Cornell University
University of Zimbabwe (2)
Davidson College
Mwandi Community Zambia
Duke University
National Museum Monuments and Art Gallery of Botswana
University of Zimbabwe
Elizabethtown College
University of Zambia
Evangelical Lutheran Church of America (ELCA)
University of Namibia
Florida State University
Ministry of Education Namibia
Framingham State College
University of Malawi
George Mason University
University of Dar es Salaam
Hampton University
University of Dar es Salaam
Harvard Center for Population and Development Studies
University Eduardo Mondlane
Harvard Medical School
University of Dar es Salaam
Indiana University
University of Malawi
Zimbabwe College of Music
International Association of University Presidents
Evelyn Hone College Zambia
Tanzanian Medical Organisation for Peace and Health
International Student Exchange Program (ISEP)
University of Dar es Salaam
Kalamazoo College
Africa University Zimbabwe

Lawrence Technological University
University of Zimbabwe
Lewis & Clark College
University of Zimbabwe
Lincoln University of Missouri
Bunda College of Agriculture Malawi
Linfield College
Africa University Zimbabwe
Louisiana State University
University Eduardo Mondlane
Michigan State University
University of Zimbabwe (12)
Mississippi Consortium for International Development (MCID)
University of Namibia
Montana State University
University of Botswana
Northern Michigan University
Africa University Zimbabwe
Lutheran University Tanzania
Ohio State University
University of Swaziland
Ohio University
Ministry of Education Swaziland
University of Namibia
University of Swaziland
Oakwood College
University of Zimbabwe
Old Dominion University
University of Namibia
Oregon State University
University of Zimbabwe
Pennsylvania State University
Ministry of Agriculture and Cooperatives Swaziland
University of Botswana
University of Swaziland
University of Zimbabwe
Pitzer College
University of Zimbabwe
Purdue University
Africa University
Southern African Centre for Cooperation in Agriculture and Natural Resources Research and Training (SACCAR)
University of Zimbabwe
Rutgers University Camden
University of Namibia
Rutgers University New Brunswick
University of Zimbabwe
San Jose State University
University of Zimbabwe
School for International Training
World Learning
Botswana Orientation Centre
Mweka College
ORAP Zenzele College
University of Zimbabwe
Scripps College
University of Zimbabwe
State University College at Buffalo
University of Zimbabwe
State University of New York Binghamton
University of Botswana
State University of New York System Administration
National Assembly of Mozambique
University Eduardo Mondlane
Syracuse University
SAPES Trust
University of Zimbabwe
Talladega College
University of Dar es Salaam
Texas A&M University
Scientific and Industrial Research and Development Centre
Texas Christian University
University of Zimbabwe
Texas Southern University
University of Namibia
Thiel College
National University of Lesotho
Tuskegee University
Bunda College of Agriculture Malawi
Sokoine University of Agriculture Tanzania
University of Zambia
University of Zimbabwe
United States Geological Survey
University of Zimbabwe
University of Alabama in Huntsville
University of Zimbabwe
University of California at Berkeley
University of Zimbabwe (2)
University of California at Davis
University of Dar es Salaam
University of California at Los Angeles
University of Dar es Salaam
University of Zimbabwe
University of Delaware
University of Namibia
University of Florida Gainesville
University of Dar es Salaam (3)
University of Zambia
University of Zimbabwe

University of Illinois Chicago
University of Botswana
University of Zimbabwe
University of Maryland College Park
University of Botswana
University of Maryland Eastern Shore
University of Namibia (2)
University of Maryland Frostburg
University of Zimbabwe
University of Minnesota
Bunda College of Agriculture
University of Botswana
University of Dar es Salaam
University of Eduardo Mondlane
University of Malawi
University of Zimbabwe
University of Missouri St. Louis
University of Namibia
University of Montana
University of Namibia
University of Nebraska
University of Botswana
University of North Carolina Chapel Hill
University of Dar es Salaam
University of Zimbabwe
University of Northern Iowa
University of Zimbabwe
University of Pennsylvania
University of Zimbabwe (3)
University of Washington
University of Zimbabwe
University of West Florida
University of Zimbabwe
University of Wisconsin Madison
University Eduardo Mondlane
University of Zimbabwe (3)
University of Wisconsin Milwaukee
University of Zimbabwe
University of Wisconsin Whitewater
University of Zimbabwe
Virginia Commonwealth University
Bulawayo Polytechnic
Harare Polytechnic
Virginia Polytechnic Institute and State University
National University of Science and Technology
University of Zambia
University of Zimbabwe
Wellesley College
Church/community groups in Zimbabwe
West Virginia University
University of Zimbabwe
Winston-Salem State University
University of Dar es Salaam
University of Zimbabwe

II. Summary of southern African and U.S. linkages, alphabetically by southern African institution ((for more detail, see individual listings in each chapter by southern African country)

Africa University Zimbabwe
Claflin College
Kalamazoo College
Linfield College
Northern Michigan
Purdue University

Botswana Orientation Centre
School for International Training

Bulawayo Polytechnic Zimbabwe
Virginia Commonwealth University

Bunda College of Agriculture Malawi
Lincoln University of Missouri
University of Minnesota

Evelyn Hone College Zambia
Internat'l Association University Presidents

Harare Polytechnic
Virginia Commonwealth University

Lutheran University Tanzania
Northern Michigan University

Ministry of Agriculture & Coops Swaziland
Pennsylvania State University

Ministry of Education Namibia
Florida State University

Ministry of Education Swaziland
Ohio University

Mwandi Community Zambia
Davidson College

Mweka College Tanzania
School for International Training

National Assembly of Mozambique
SUNY System Administration

National Museum Monuments & Art Gallery
Duke University

National University of Lesotho
Clark Atlanta University
Thiel College

National University of Science & Technology Zimbabwe
Cal State Poly
Virginia Tech

ORAP Zenzele College Zimbabwe
School for International Training

Scientific & Industrial Research & Development Zimbabwe
Texas A&M University

Sokoine University of Agriculture Tanzania
Tuskegee University

Solusi University Zimbabwe
Andrews University

Southern African Center for Cooperation in Agriculture & Natural Resources (SACCAR) Botswana
Purdue University

SAPES Trust Zimbabwe
Syracuse University

Tanzanian Medical Organisation
Internat'l Association University Presidents

University of Botswana
Alabama A&M University
Bowdoin College
Brown University
California State University Northridge
Central College
Cleveland State University (2)
Montana State University
Pennsylvania State University
State University of NY Binghamton
University of Illinois Chicago
University of Maryland College Park
University of Minnesota
University of Nebraska

University of Dar es Salaam Tanzania
Brown University (2)
Columbia University
Connecticut College
Consortium of American Lutheran Colleges
George Mason University
Hampton University
Harvard Medical School
International Student Exchange Program
Talladega College
University of California Davis
University of California Los Angeles
University of Florida Gainesville
University of Minnesota
University of North Carolina
Winston-Salem State University

University Eduardo Mondlane Mozambique
Boston University School of Law
Harvard Cen Population & Development
Louisiana State University
SUNY System Administration
University of Minnesota
University of Wisconsin Madison

University of Malawi
- *Framingham State College*
- *Indiana University*
- *University of Minnesota*

University of Malawi Polytechnic
- *Brown University*

University of Namibia
- *Auburn University*
- *Evangelical Lutheran Church of America*
- *Mississippi Consortium Int'l Development*
- *Ohio University*
- *Old Dominion University*
- *Rutgers University Camden*
- *Texas Southern University*
- *University of Delaware*
- *University of Maryland Eastern Shore* (2)
- *University of Missouri St. Louis*
- *University of Montana*

University of Swaziland
- *California State Polytechnic University*
- *Ohio University*
- *Ohio State University*
- *Pennsylvania State University*

University of Zambia
- *Elizabethtown College*
- *Tuskegee University*
- *University of Florida Gainesville*
- *Virginia Tech*

University of Zimbabwe
- *Advanced Tissue Sciences*
- *Associated Colleges of the Midwest*
- *California State University Long Beach*
- *Chatfield College*
- *Clark Atlanta University*
- *Colorado School of Mines*
- *Cornell University* (2)
- *Duke University*
- *Lawrence Technological University*
- *Lewis & Clark College*
- *Michigan State University* (12)
- *Oakwood College*
- *Oregon State University*
- *Pennsylvania State University*
- *Pitzer College*
- *Purdue University*
- *Rutgers University New Brunswick*
- *San Jose State University*
- *School for International Training*
- *Scripps College*
- *State University College at Buffalo*
- *Syracuse University*
- *Texas Christian University*
- *Tuskegee University*
- *U.S. Geological Survey*
- *University of Alabama Huntsville*
- *University of California Berkeley* (2)
- *University of California Los Angeles*
- *University of Florida Gainesville*
- *University of Illinois Chicago*
- *University of Maryland Frostburg*
- *University of Minnesota*
- *University of North Carolina*
- *University of Northern Iowa*
- *University of Pennsylvania* (3)
- *University of Washington*
- *University of West Florida*
- *University of Wisconsin Madison* (3)
- *University of Wisconsin Milwaukee*
- *University of Wisconsin Whitewater*
- *Virginia Tech*
- *West Virginia University*
- *Winston-Salem State University*

Zimbabwe College of Music
- *Indiana University*

III. Summary of South African and southern African linkages, based on South African responses (for more detail, see individual listings by South African institution)

Potchefstroom University of Christian Higher Education
- *Christian College of Southern Africa/Zimbabwe*

Rhodes University
- *Kunzwana Trust/Zimbabwe*
- *Zimbabwe College of Music*
- *Lesotho Academy of the Performing Arts*
- *Ministry of Culture/Mozambique*
- *Oral Literature Research Programme/Malawi*
- *Unesco National Commission/Tanzania*
- *Ministry of Arts & Culture/Namibia*
- *University of Dar es Salaam*
- *National University of Lesotho*
- *Southern Africa Regional Institute for Policy Studies(SAPES)/Zimbabwe*
- *University of Malawi*
- *University of Zimbabwe (2)*
- *National Museum, Monuments & Art Gallery/Botswana*
- *Journal of Social Development in Africa/Zimbabwe*

University of Cape Town
- *University of Botswana*
- *University of Dar es Salaam*
- *University of Malawi*
- *University of Zambia*
- *University of Zimbabwe*

University of Natal
- *University of Botswana*
- *University of Zimbabwe*
- *University Eduardo Mondlane*
- *Hillside Teachers College/Zimbabwe*
- *Lutheran Theological College/Tanzania*
- *University Eduardo Mondlane*
- *Botswana College of Agriculture*
- *University of Zambia*

University of the Orange Free State
- *Justo Mwale Theological College/Zambia*
- *Namibia Evangelical Theological Seminary*
- *National University of Lesotho* (3)
- *University of Botswana*
- *University of Swaziland*
- *University of Zambia*
- *University of Zimbabwe* (2)

University of Pretoria
- *University of Botswana*
- *National University of Lesotho*
- *University of Malawi*
- *University of Namibia*
- *University of Swaziland*
- *University of Dar es Salaam*
- *University of Zambia*
- *University of Zimbabwe*

University of South Africa (UNISA)
- *Copperbelt University*

University of the Western Cape
- *University Eduardo Mondlane*
- *University of Namibia*
- *University of Zimbabwe*

University of the Witwatersrand
- *Desert Ecological Research Unit of Namibia*
- *National University of Lesotho*
- *National University of Science & Technology/Zimbabwe*
- *University of Botswana*
- *University of Dar es Salaam*
- *University Eduardo Mondlane*
- *University of Swaziland*
- *University of Zimbabwe*

IV. Summary of additional southern African and South African linkages, based on southern African responses (for more detail, see individual listings by southern African institution)

Open University of Tanzania
- *University of South Africa (UNISA)*

University of Botswana
- *University of Cape Town*

University Eduardo Mondlane
- *University of Pretoria*
- *University of the Western Cape*
- *University of the Witwatersrand*
- *University of Dar es Salaam*
- *University of Cape Town*
- *Rand Afrikaans Universities (RAU)*
- *University of Pretoria*
- *Rhodes University*
- *University of Natal Pietermaritzburg*

University of Namibia
- *University of the Western Cape*
- *Committee of University Principals (CUP)*

University of Zimbabwe
- *University of Cape Town* (4)
- *University of Fort Hare*
- *University of the Witwatersrand (3)*
- *University of Natal* (2)
- *University of the Orange Free State* (2)
- *University of the North*
- *University of Pretoria*
- *University of the Northwest*
- *University of Durban-Westville*

V. U.S- southern African linkages cross-indexed by academic fields

Accounting
Cal State Poly/SCOT
Cal State Poly/UNISWA
Virginia Tech/U. Zimbabwe
Administration
Pennsylvania State University/U. Zimbabwe
African language and linguistics
Columbia University/UDSM
Michigan State University/U Zim
African studies
University of Washington/U. Zimbabwe
African-American studies
California State University Northridge/UB
African languages
University of Florida Gainesville/UDSM
African languages and linguistics
Columbia University/UDSM
African literature
University of California Los Angeles/UDSM
African studies
University of Washington/U. Zimbabwe
Agribusiness
Mississippi Consortium/UNAM
Agriculture and natural resources
Alabama A&M University/UB
Michigan State University/U Zim
Ohio State University/UNISWA
Penn State/Swazi Min. Agriculture
Penn State/UNISWA
Penn State/U. Zimbabwe
Purdue University/SACCAR
Purdue University/Africa University
Tuskegee//Bunda College
Tuskegee/Sokoine
Tuskegee/University of Zambia
Tuskegee/U. Zimbabwe
University of Delaware/UNAM
UMES/UNAM
University of Minnesota/Bunda College
University of Wisconsin Madison/UEM
Agricultural curriculum development/teaching
Michigan State University/U Zim
Agricultural economics
Michigan State University/U. Zimbabwe
Montana State University/UB
Virginia Tech/U. Zimbabwe
Agricultural management
Tuskegee/Sokoine

AIDS
University of Illinois/UB
University of Washington/U Zim
Animal genetics/genetics of small ruminants
University of Minnesota/Bunda College
Animal health and nutrition
Tuskegee/Sokoine
Animal and poultry science
Tuskegee/Sokoine
Animal science
University of Wisconsin Madison/U. Zimbabwe
Anthropology
Pennsylvania State University/UB
Aquaculture
Auburn University/UNAM
Art education
Virginia Commonwealth/Bulawayo Poly
Virginia Commonwealth/Harare Poly
Biochemistry
University of Wisconsin Madison/U. Zimbabwe
Biology
Virginia Tech/U. Zimbabwe
Biostatistics
University of North Carolina/U. Zimbabwe
University of Pennsylvania/U. Zimbabwe
Biotechnology
Tuskegee/Sokoine
Business
Cal State Poly/NUST
Brown University/U. Malawi Poly
Claflin College/Africa University
Linfield College/Africa University
Northern Michigan University/Africa University
Northern Michigan University/Lutheran University
Pennsylvania State University/U. Zimbabwe
Rutgers University Camden/UNAM
Rutgers University Camden/UNAM
Talladega College/UDSM
University of Delaware/UNAM
University of Washington/U Zim
University of Wisconsin Whitewater/U. Zimbabwe
Business administration
Cal State Poly/SCOT
Mississippi Consortium/UNAM
Child nutrition and rural family
Lincoln University of Missouri/Bunda College
Civil engineering
Lawrence Technological University/U Zim
University of Florida Gainesville/UDSM

Civil society and democracy
Cleveland State University/UB
Classics
Chatfield College/U.Zim
Community health
University of Minnesota/Bunda College
Computer science
Brown University/UDSM
Claflin College/Africa University
San Jose State University/U. Zimbabwe
Crop production
University of Nebraska/UB
Crop science
University of Wisconsin Madison/U. Zimbabwe
Curriculum development
IAUP/Tanzanian Medical Organisation
IAUP/Evelyn Hone College
Talladega College/UDSM
Tuskegee/Sokoine
University of California Los Angeles/UDSM
Development issues
SUNY Buffalo/U. Zimbabwe
Development theory, planning and evaluation
School for International Training/ORAP
SUNY College at Buffalo/U. Zimbabwe
Economics
Michigan State University/U. Zimbabwe
Education
Duke University/U. Zimbabwe
Indiana University/U. Malawi
Michigan State University/U. Zimbabwe
Northern Michigan University/Africa University
Northern Michigan University/Lutheran University
Ohio University/UNISWA
Syracuse/SAPES
Tuskegee//Bunda College
Tuskegee/Sokoine
Tuskegee/University of Zambia
Tuskegee/U. Zimbabwe
University of Delaware/UNAM
University of Wisconsin Madison/UEM
Education curriculum
Clark Atlanta University/NUL
Education instruction
Clark Atlanta University/NUL
Educational administration and planning
Ohio University Athens/UNAM
Electronics
Thiel College/NUL
Electronmicroscopy
University of California Berkeley/U Zim
Engineering
University of Pennsylvania/U. Zimbabwe

English language
ELCA/UNAM
University of Delaware/UNAM
Environment
Cornell University/U. Zimbabwe
Hampton University/UDSM
Environment and natural resource management
Mississippi Consortium/UNAM
Environmental policy
University of Delaware/UNAM
Environmental science
Tuskegee/Sokoine
University of Maryland Eastern Shore/UNAM
Environmental studies
Kalamazoo College/Africa University
University of Washington/U. Zimbabwe
Epidemiology
University of North Carolina/U. Zimbabwe
University of Pennsylvania/U. Zimbabwe
University of Washington/U. Zimbabwe
Ethnomusicology
Indiana University/Zim College of Music
Family studies
Pennsylvania State University/UB
Food and nutrition
Cornell University/U. Zimbabwe
Food technology
Tuskegee//Bunda College
Genetics/breeding to improve livestock
Lincoln University of Missouri/Bunda College
Geology
Texas Christian University/U. Zimbabwe
U.S. Geological Survey/U. Zimbabwe
Virginia Tech/U. Zimbabwe
Geography
George Mason University/UDSM
Michigan State University/U. Zimbabwe
Government (legislature)
SUNY System Administration/Mozambique
Health
Harvard Center Population and Development/UEM
IAUP/Tanzanian Medical Organisation
IAUP/Evelyn Hone College
Michigan State University/U. Zimbabwe
University of Florida/University of Zambia
Health, culture and society
Harvard Medical School/UDSM
Health economics
University of North Carolina/U. Zimbabwe
University of Pennsylvania/U. Zimbabwe
Health and nutrition
Lincoln University of Missouri/Bunda College
Health and nutrition infants and children
University of Minnesota/Bunda College

Health social science
University of North Carolina/U. Zimbabwe
University of Pennsylvania/U. Zimbabwe
History
Talladega College/UDSM
Human development
Pennsylvania State University/UB
Information management systems
Tuskegee University/U. Zimbabwe
International studies
California State University/U. Zimbabwe
Claflin College/Africa University
Duke University/U. Zimbabwe
Indiana University/U. Malawi
Michigan State University/U. Zimbabwe
Northern Michigan University/Africa University
Ohio University/UNISWA
School for International Training/ORAP
Syracuse/SAPES
Tuskegee/Sokoine
Land tenure
University of Wisconsin Madison/U. Zimbabwe
Landscape architecture
Virginia Tech/U. Zimbabwe
Law
Rutgers University Camden/UNAM
University of Wisconsin Madison/UEM
Legislative drafting
Boston University Law School/UEM
SUNY System Administration/UEM
Liberal arts
Linfield College/Africa University
Library science
Cal State Poly/NUST
Pennsylvania State University/UNISWA
University of Washington/U. Zimbabwe
Linguistics
Michigan State University/U. Zimbabwe
Literature and language
Talladega College/UDSM
Marine ecology
University of Maryland Frostburg/U. Zimbabwe
Management
Clark Atlanta/U. Zimbabwe
Marketing
Cal State Poly/UNISWA
Clark Atlanta/U. Zimbabwe
Mass communications
Elizabethtown College/University of Zambia
Talladega College/UDSM
Mathematics
ELCA/UNAM
University of Alabama Huntsville/U. Zimbabwe
Mathematics and physics
University of Alabama Huntsville/U.Zim
Mechanical and agricultural engineering
University of California at Davis/UDSM
Mediation
University of Missouri St. Louis/UNAM
Medical research
Advanced Tissue Sciences/U. Zimbabwe
Talladega College/UDSM
Medicine
University of Illinois at Chicago/U. Zimbabwe
Metallurgy
University of Wisconsin Milwaukee/U. Zimbabwe
Mining engineering
Colorado School of Mines/U. Zimbabwe
Natural resource management
University of California Berkeley/U. Zimbabwe
University of Wisconsin Madison/U. Zimbabwe
Nursing education
Case Western Reserve University/U. Zimbabwe
University of Illinois at Chicago/U. Zimbabwe
Nutrition
Michigan State University/U. Zimbabwe
University of Washington/U. Zimbabwe
Paleontology
Duke University/University of Botswana
Pathology
West Virginia University/U. Zimbabwe
Peace and disarmament
IAUP/Tanzanian Medical Organisation
IAUP/Evelyn Hone College
Performing arts
Virginia Tech/University of Zambia
Pharmacy
University of Illinois at Chicago/U. Zimbabwe
Philosophy
Chatfield College/U.Zim
Physics
Thiel College/NUL
University of Alabama Huntsville/U.Zim
University of California at Los Angeles/U. Zimbabwe
Plant breeding
University of Nebraska/UB
Plant pathology
University of Wisconsin Madison/U. Zimbabwe
Political action and democratization
Michigan State University/U. Zimbabwe
Political science
Central College/University of Botswana
Michigan State University/U. Zimbabwe
University of California Los Angeles/UDSM

Public administration
Cal State Poly/NUST
Rutgers University Camden/UNAM
University of Delaware/UNAM
University of Montana/UNAM
University of Wisconsin Madison/UEM
Virginia Tech/U. Zimbabwe
Public policy and administration
Mississippi Consortium/UNAM
Quality control
University of West Florida/U. Zimbabwe
Religious studies
Chatfield College/U.Zim
Linfield College/Africa University
Resource assessment
George Mason University/UDSM
Rural development
Virginia Tech/U. Zimbabwe
Science
Bowdoin College/UB
Cal State Poly/NUST
Claflin College/Africa University
Framingham State College/U. Malawi
Lincoln University of Missouri/Bunda
Michigan State University/U. Zimbabwe
Oakwood College/U. Zimbabwe
Tuskegee//Bunda College
Tuskegee/University of Zambia
University of Delaware/UNAM
University of Pennsylvania/U. Zimbabwe
Virginia Tech/U. Zimbabwe
Small business
Tuskegee/Sokoine
Social sciences
Louisiana State University/UEM
Sociology
Michigan State University/U.Zim
Talladega College/UDSM
Sorghum and cow pea transformation
Purdue University/U. Zimbabwe
Statistics
University of West Florida/U Zimbabwe
Structural geology
Texas Christian University/U. Zimbabwe
Virginia Tech/U. Zimbabwe
Sustainable societies
University of Minnesota/UB and others
Swahili/African literature
University of California Los Angeles/UDSM
Teacher training
Virginia Tech/U. Zimbabwe
Technical education
University of Northern Iowa/U. Zimbabwe
Technology
Cal State Poly/NUST
Technology transfer
Tuskegee//Bunda College
Tuskegee/University of Zambia
Theatre
University of Maryland College Park/UB
Transplantation
Advanced Tissue Science/U. Zimbabwe
Veterinary medicine
Virginia Tech/U. Zimbabwe
Veterinary science
Tuskegee/U. Zimbabwe
Women
University of North Carolina Chapel Hill/UDSM
University of Washington/U. Zimbabwe
Women and leadership
Mississippi Consortium/UNAM

VI. U.S.-southern African linkages cross-indexed by types

Administrative exchange
Cal State Poly/UNISWA
Claflin College/Africa University
Lincoln University of Missouri/Bunda College
Michigan State University/U. Zimbabwe
Northern Michigan University/Lutheran University
Northern Michigan University/Africa University
University of Minnesota/Bunda College

Collaborative research
Alabama A&M University/UB
Auburn University/UNAM
Cal State Poly/UNISWA
Central College/UB
Claflin College/Africa University
Cleveland State University/UB
Cornell University/U. Zimbabwe
George Mason University/UDSM
Harvard Center Population and Development/UEM
Harvard Medical School/UDSM
Lincoln University of Missouri/Bunda College
Louisiana State University/UEM
Michigan State University/U. Zimbabwe
Montana State University/UB
Ohio University/UNAM
Ohio University/UNISWA
Pennsylvania State University/UNISWA
Purdue University/Africa University
Purdue University/SACCAR
Purdue University/U. Zimbabwe
SUNY Binghamton/UB
Texas A&M University/SIRDC
Texas Christian University/U. Zimbabwe
Texas Southern University/UNAM
Tuskegee University/Bunda College
Tuskegee University/Sokoine
Tuskegee University/University of Zambia
Tuskegee University/U. Zimbabwe
University of California at Berkeley/U. Zimbabwe
University of California at Davis/UDSM
University of Illinois Chicago/U. Zimbabwe
University of Maryland Frostburg/U. Zimbabwe
University of Minnesota/Bunda College
University of Nebraska/UB
University of North Carolina Chapel Hill/UDSM
University of North Carolina Chapel Hill/U. Zim
University of Pennsylvania/U. Zimbabwe
University of Washington/U. Zimbabwe
University of West Florida/U. Zimbabwe
University of Wisconsin Madison/UEM
University of Wisconsin Madison/U. Zimbabwe
Virginia Tech/NUST
Virginia Tech/U. of Zambia
Virginia Tech/U. Zimbabwe

Degree granting
Andrews University/Solusi

Degree program
School for International Training/ORAP

Distance education
Northern Michigan University/Lutheran University
Northern Michigan University/Africa University

Education and Training
University of North Carolina/U. Zimbabwe
University of Pennsylvania/U. Zimbabwe

Exchange of public officials, business persons and NGO leaders
Mississippi Consortium/UNAM

External examiner
San Jose State/U. Zimbabwe
University of Wisconsin Whitewater/U. Zimbabwe

Faculty exchange
Cal State Poly/UNISWA
Claflin College/Africa University
Clark Atlanta University/NUL
Cornell University/U. Zimbabwe
ELCA/UNAM
Indiana University/Zimbabwe College of Music
Mississippi Consortium/UNAM
Oakwood College/U. Zimbabwe
Ohio State University/UNISWA
Pennsylvania State University/U. Zimbabwe
University of California at Davis/UDSM
University of California at Los Angeles/U. Zim
University of Florida Gainesville/UDSM
University of Florida Gainesville/U. Zimbabwe
University of Maryland Frostburg/U. Zimbabwe
University of West Florida/U. Zimbabwe
University of Wisconsin Madison
Virginia Commonwealth/Bulawayo Poly
Virginia Commonwealth/Harare Poly

Faculty and student exchange
Associated Colleges of the Midwest/U. Zimbabwe
Auburn University/UNAM

Brown University/UDSM
Cal State Poly/UNISWA
California State University Northridge/UB
Central College/UB
Consortium of American Lutheran Colleges
Indiana University/University of Malawi
Lincoln University of Missouri/Bunda College
Michigan State University/U. Zimbabwe
Northern Michigan University/Lutheran University
Northern Michigan University/Africa University
Ohio University/UNISWA
Pennsylvania State University/UNISWA
Purdue University/Africa University
Texas A&M University/SIRDC
Texas Christian University\U. Zimbabwe
University of Delaware/UNAM
University of Illinois Chicago/UB
University of Illinois Chicago/U. Zimbabwe
University of Maryland College Park/UB
University of Minnesota/Bunda College
University of Montana/UNAM
University of Maryland Frostburg/U. Zimbabwe
University of Washington/U. Zimbabwe

Graduate training
University of California at Los Angeles/U. Zim

Internship program
Cal State Poly/UNISWA
Central College/UB
Claflin College/Africa University
School for International Training/ORAP

Library exchange
Cal State Poly/UNISWA
Elizabethtown College/University of Zambia
Framingham State College/University of Malawi
Michigan State University/U. Zimbabwe
Ohio University/UNISWA
U.S. Geological Survey/U. Zimbabwe
University of Florida/U. of Zambia
University of Washington/U. Zimbabwe

Library strengthening
Michigan State University/U. Zimbabwe

Master's degree program
Case Western Reserve University/U. Zimbabwe
West Virginia University/U. Zimbabwe

Materials exchange
Pennsylvania State University/UNISWA
Pennsylvania State University/U. Zimbabwe
University of Illinois Chicago/U. Zimbabwe

Peer education
University of Illinois Chicago/UB

Post-doctoral study
Colorado School of Mines/U. Zimbabwe
Michigan State University/U. Zimbabwe
Ohio State University/UNISWA
University of Florida Gainesville/U. Zimbabwe

Post-graduate training
Auburn University/UNAM
Cal State Poly/UNISWA

Sandwich program for graduate training
Oregon State University/U. Zimbabwe

Seminars and meetings
University of Illinois Chicago/U. Zimbabwe

Short-term academic program
Harvard Center Population and Development/UEM
Pennsylvania State University/U. Zimbabwe
University of Illinois Chicago/U. Zimbabwe

Staff development
Ohio University/UNISWA

Strategic planning
Ohio University/UNAM

Student exchange
Advanced Tissue Sciences/U. Zimbabwe
Cal State Poly/UNISWA
California State University/U. Zimbabwe
Kalamazoo College/Africa University
Michigan State University/U. Zimbabwe
SUNY Binghamton/UB
Texas Southern University/UNAM
University of Nebraska/UB

Study abroad
Brown University/UDSM
Connecticut College/UDSM
Consortium of American Lutheran Colleges/UDSM
Hampton University/U. Zimbabwe
International Student Exchange Program/UDSM
Michigan State University/U. Zimbabwe
Pitzer College/U. Zimbabwe
Scripps College/U. Zimbabwe
University of Florida Gainesville/UDSM

Summer study abroad
SUNY College at Buffalo/U. Zimbabwe

Technical assistance and training
Ohio University/UNAM
Pennsylvania State University/U. Zimbabwe
SUNY Albany System Administration/UEM
University of Montana/UNAM

Veterinary and medical clinicianships
Michigan State University/U. Zimbabwe

Visiting scholar

Bowdoin College/UB
Boston University Law School/UEM
Brown University/Malawi Poly
University of Montana/UNAM
Cal State Poly/UNISWA
Central College/UB
Chatfield College/U. Zimbabwe
Columbia University/UDSM
Cornell University/U. Zimbabwe
Elizabethtown College/University of Zambia
Framingham State College/University of Malawi
George Mason University/UDSM
Harvard Center Population and Development/UEM
Harvard Medical School/UDSM
Michigan State University/U. Zimbabwe
Montana State University/UB
Ohio University/UNISWA
Purdue University/Africa University
Rutgers University New Brunswick/U. Zimbabwe
San Jose State University/U. Zimbabwe
Texas Christian University/U. Zimbabwe
Thiel College/NUL
University of California at Berkeley/U. Zimbabwe
University of California at Davis/UDSM
UCLA/U. Zimbabwe
University of Florida Gainesville/UDSM
University of Illinois Chicago/U. Zimbabwe
University of Maryland College Park/UB
University of Maryland Frostburg/U. Zimbabwe
University of Missouri St. Louis/UNAM
University of Montana/UNAM
University of Washington/U. Zimbabwe
University of West Florida/U. Zimbabwe
University of Wisconsin Madison/U. Zimbabwe
University of Wisconsin Milwaukee/U. Zimbabwe
Virginia Tech/NUST
Virginia Tech/U. Zimbabwe

VII. South African-southern African linkages cross-indexed by academic fields

Agriculture and natural resources
Rhodes University/University of Zimbabwe
University of Natal/Botswana College Agriculture
UWC/University of Zimbabwe
Agricultural commodity quality
University of Natal/University of Botswana
Agricultural engineering
University of Natal/University Eduardo Mondlane
Arts
Wits/University of Dar es Salaam
Wits/University Eduardo Mondlane
Wits/University of Swaziland
Wits/University of Zimbabwe
Biochemistry
University OFS/University of Zimbabwe
Business
UNISA/Copperbelt University
Chemical engineering
UCT/University of Zambia
Chemistry
UCT/University of Botswana
Chemistry research
University OFS/National University of Lesotho
Education
Potchefstroom/Christian College
UNISA/Copperbelt University
University of Natal/Hillside Teachers College
University of Natal/Lutheran Theological
University of Natal/University Eduardo Mondlane
UWC/University of Zimbabwe
Wits/University Eduardo Mondlane
Engineering
UCT/University of Dar es Salaam
UCT/University of Malawi
UCT/University of Zambia
University of Natal/Botswana College Agriculture
Gender studies
Rhodes/National University of Lesotho
Health
UWC/University of Zimbabwe
Wits/Desert Ecological Research
Wits/National University of Lesotho
Wits/NUST
Wits/University of Botswana
Health and nutrition
University of Natal/University of Botswana
University of Natal/University of Zimbabwe
Health policy research
University OFS/University of Zimbabwe
Health systems research
University OFS/University of Zimbabwe
Human rights education
University of Pretoria/University of Botswana
University of Pretoria/National University Lesotho
University of Pretoria/University of Malawi
University of Pretoria/University of Namibia
University of Pretoria/University of Swaziland
University of Pretoria/University of Dar es Salaam
University of Pretoria/University of Zambia
University of Pretoria/University of Zimbabwe
Hydrology
Rhodes/University of Dar es Salaam
International studies
Rhodes/Journal Social Development
Irrigation
University of Natal/University Eduardo Mondlane
Law
University of Natal/University of Zambia
University OFS/University of Swaziland
UWC/University of Zimbabwe
Marine biology
UCT/University of Dar es Salaam
Microbiology
UCT/University of Botswana
Music education
Rhodes/Ministry of Arts and Culture Namibia
Music and drama
Rhodes/Kunzwana Trust
Rhodes/Zimbabwe College of Music
Music, dance, oral literature
Rhodes/Lesotho Academy
Rhodes/Ministry of Arts and Culture Namibia
Rhodes/Ministry of Culture Mozambique
Rhodes/Unesco National Commission
Psychology
University OFS/University of Zambia
Organological and historical research
Rhodes/Ministry of Culture Mozambique
Science
Rhodes/National University of Lesotho
UCT/University of Malawi
UCT/University of Zimbabwe
UWC/University of Zimbabwe
Wits/University of Zimbabwe

Science analysis
University of Natal/University of Botswana
Social anthropology
University OFS/National University of Lesotho
Social aspects of AIDS
University OFS/National University of Lesotho
Sociology
Rhodes/National University of Lesotho
University OFS/University of Botswana
Surgery
University of Natal/University Eduardo Mondlane
Theology
University of Natal/Lutheran Theological
University OFS/Justo Mwale
University OFS/Namibia Evangelical

VIII. South African-southern African linkages cross-indexed by type

Collaborative research
Rhodes/Kunzwana Trust
Rhodes/Zimbabwe College of Music
Rhodes/Lesotho Academy
Rhodes/Ministry of Culture Mozambique
Rhodes/Oral Literature Research
Rhodes/Ministry of Arts and Culture Namibia
Rhodes/University of Dar es Salaam
Rhodes/University of Zimbabwe
Rhodes/National University of Lesotho
UCT/University of Botswana
UCT/University of Dar es Salaam
UCT/University of Malawi
UCT/University of Zambia
University of Natal/Hillside Teachers College
University of Natal/Botswana College Agriculture
UOFS/Namibia Evangelical
UOFS/University of Zimbabwe
UWC/University of Zimbabwe
Wits/Desert Ecological Research
Wits/University of Dar es Salaam

Conferences and seminars
Rhodes/Unesco National Commission
UNITECH/constituent universities

External examiner program
University of Natal/Botswana College Agriculture
University of Natal/University of Zambia
Wits/University Eduardo Mondlane
Wits/University of Zimbabwe

Faculty exchange
Potchefstroom/Christian College
Rhodes/Kunzwana Trust
University of Natal/Botswana College Agriculture
Wits?University of Swaziland

Faculty and student exchange
Rhodes/National University of Lesotho
UCT/University of Botswana
UCT/University of Dar es Salaam
UCT/University of Malawi
UCT/University of Zambia
UCT/University of Zimbabwe
University of Natal/University Eduardo Mondlane
UWC/University of Zimbabwe
Wits/University Eduardo Mondlane

Joint courses
Wits/University Eduardo Mondlane
Wits/University of Zimbabwe

Library exchange
Rhodes/Ministry of Culture Mozambique
Rhodes/National Museum Monuments Art Gallery
Rhodes/SAPES Trust
Rhodes/Journal of Social Development
Rhodes/University of Malawi
Rhodes/University of Zimbabwe
UOFS/Namibia Evangelical

Moot Court Competition
University of Pretoria/University of Botswana
University of Pretoria/NUL
University of Pretoria/University of Malawi
University of Pretoria/University of Namibia
University of Pretoria/University of Swaziland
University of Pretoria/University of Dar es Salaam
University of Pretoria/University of Zambia
University of Pretoria/University of Zimbabwe

Network on health issues
University of Natal/University of Botswana
University of Natal/University of Zimbabwe

Post-doctoral study
Rhodes/Kunzwana Trust
Rhodes/Zimbabwe College of Music
Rhodes/Lesotho Academy
Rhodes/Ministry of Culture Mozambique
Rhodes/Ministry of Arts and Culture Namibia
UCT/University of Botswana
UCT/University of Dar es Salaam
UCT/University of Malawi
UCT/University of Zambia
UCT/University of Zimbabwe

Postgraduate student exchange
University of Natal/University Eduardo Mondlane

Research
UNISA/Copperbelt University

Research supervision
Wits/National University of Lesotho
Wits/University of Botswana

Scholarship
Wits/SADC universities

Student exchange
UOFS/Namibia Evangelical
UOFS/National University of Lesotho
UOFS/University of Zimbabwe
Wits/NUST

Unitwin Network
UWC/University of Zimbabwe

Visiting scholar
Potchefstroom/Christian College
Rhodes/Kunzwana Trust
Rhodes/Zimbabwe College of Music
Rhodes/Lesotho Academy
Rhodes/Ministry of Culture Mozambique
Rhodes/Oral Literature Research
Rhodes/Unesco National Commission
Rhodes/Ministry of Arts and Culture Namibia
Rhodes/University of Zimbabwe
UCT/University of Botswana
UCT/University of Dar es Salaam
UCT/University of Malawi
UCT/University of Zambia
University of Natal/Lutheran Theological
UOFS/Namibia Evangelical
UOFS/National University of Lesotho

IX. U.S. agreements formalized with South African institutions since the publication of SAIE #28, Linkages at the Tertiary Level between U.S. and South African Institutions

Central College/University of Natal
Contacts: Dr. James J. Zaffiro, Department of Political Science, tel. 515 628 5123; fax. 628 5316; zaffiroj@central.edu
Professor Keyan Tomaselli, 27 31 260 2504; fax. 260 2214; tomaselli@superbowl.und.ac.za

Cornell University/University of the Witwatersrand
Contacts: Professor Walter Cohen, Dean of the Graduate School, tel. 607 255 5810; fax. 1816
Professor Charles van Onselen, Director, Institute for Advanced Social Research, tel. 27 11 716 2424; fax. 8030

Indiana University/University of the Witwatersrand
Contacts: Susan Carty, Program Associate, tel. 812 855 7557; fax. 6452; scarty@indiana.edu
Professor R.W. Charlton, Vice Chancellor and Principal, tel. 27 11 716 3200; fax. 339 8215

Lincoln University of Missouri/University of the Western Cape
Contacts: Dr. Ikbal Chowdhury, Director International Programs, tel. 314 681 5360; fax. 5596
Dr. Denver Hendricks, Chair, Senate International Relations Committee, tel. 27 21 959 2350; fax. 2655

Louisiana State University/University of Stellenbosch
Contacts: Dr. Arnold Bouma, Department of Geology and Geophysics
Tel. 504 388 3353; fax. 388 2302; bsboum!lsuvm.sncc.lsu.edu
Prof. I.W. Halbich, Department of Geology

Michigan State University/University of Durban-Westville
Contacts: Professor David Wiley, Director, African Studies Center
Tel. 517 353 1700; fax. 1209; wiley@msu.eud
Professor Marcus Balintulo, Vice Chancellor

Michigan State University/University of Fort Hare
Contact Professor David Wiley, Director, African Studies Center
Professor Mbulelo V. Mzamane, Vice Chancellor

Michigan State University/University of the North
Contacts: Professor David Wiley, Director, African Studies Center
Professor Njabulu Ndebele, Vice Chancellor

Michigan State University/University of the Transkei
Contact Professor David Wiley, Director, African Studies Center
Professor A.T. Moleah, Vice Chancellor, tel. 27 474 4182

Northern Michigan University/Peninsula Technikon
Contacts: Professor Hal Dorf, Director of International Affairs
Tel. 906 227 2510, fax. 2890; hdorf@nmu.edu
Brian A. O'Connell, Acting Vice Rector, tel. 27 21 959 6203; fax. 5422

Northern Michigan University/University of Durban-Westville
Contacts Professor Hal Dorf, Director of International Affairs
Professor Donald P. McCracken, Dean of Arts
Tel. 27 31 820 2500, fax. 2160

Northern Michigan University/University of the Western Cape
Contacts: Professor Hal Dorf, Director of International Affairs
Professor Stanley Rider, Director, Development and Public Affairs
Tel. 27 21 959 3340; fax. 3115

Old Dominion University/Stellenbosch University
Contacts: JoAnn McCarthy, Executive Director, Office of International Programs
Tel. 804 863 4419; fax. 4640
Dr. Marius Leibold, tel. 27 21 808 2216; fax. 2226

Pepperdine University/University of Cape Town Medical School
Contacts: Dr. Holden MacRae, Department of Sports Medicine, tel. 310 456 4160; fax. 317 7270
Prof. Timothy D. Noakes, Medical Research Council/UCT Bioenergetics of Exercise Research Unit, Sports Science Institute of South Africa, tel. 27 21 686 7330; fax. 7530

Princeton University/University of Cape Town
Contacts: Dr. Nancy Kanach, Assistant Dean of the College, tel. 609 258 6371; fax. 6371; nkanach@princeton.edu
Professor Martin West, Deputy Vice Chancellor, 27 11 650 2175; fax. 2138

Temple University/University of Natal Durban
Contacts Dr. C. Techloane Keto, Temple in South Africa Program, tel. 215 204 8911; fax. 5735
Dr Mazisi Kunene

Temple University/University of Durban-Westville
Contacts Dr. C. Techloane Keto
Dr. M. M. Balintulo, Vice Rector, tel 27 31 820 2104; fax. 822 192

Temple University/University of Zululand
Contacts Dr. C. Techloane Keto
Prof. S.F. Maphalala, History

Texas A&M University/University of Pretoria
Contacts: Dr. Roger Smith, Associate Professor of Civil Engineering, CE/TTI Building 508, tel. 409 845 0875; fax. 6254; roger-smith@tamu.edu
A.W. Rohde, Department Head of Civil Engineering, tel. 27 12 420 2429; fax. 433 3589

Thiel College/University of Durban-Westville
Contacts: Dr. Michael Bacon, Chair, Physics, tel. 412 589 2105; fax. 2021
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Tuskegee University/University of Zululand
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Professor H.W. Vilakazi, Head, Department of Sociology, tel. 27 351 93911; fax. 93735

University of Charleston, S.C./Medical University of Southern Africa (MEDUNSA)
Contacts: Wayne Patterson, Vice-President for Research and Dean of Graduate Studies, tel. 803 953 5748; fax. 1434; pattersonw@cofc.edu

University of Charleston, S.C./University of Venda
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University of Charleston, S.C./University of Western Cape
Contacts: Wayne Patterson

University of Southern Colorado/University of Fort Hare

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Professor Nico Jooste, Deputy Registrar, tel. 27 404 22000; fax. 32334

University of Washington/University of Cape Town

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University of Wisconsin Madison/University of the Western Cape

Contacts: Professor John Bruce, Land Tenure Center, tel. 608 262 6272; 2141
Ben Cousins, South Africa Land Centre

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Mr. Bonga Selwyn Vezi, Chief Examinations Officer, tel. 27 351 93911; fax. 93130

X. People interviewed in southern Africa

University of Botswana

Mr. David Kerr, English Department
Mr. Thomas H.S. Kwami, Deputy Vice Chancellor
Dr. Burton Mguni, Dean of the Faculty of Social Studies
Dr. Brian T. Mokopakgois, Dean, Faculty of Humanities
Mr. Mike Mthobi, Faculty of Law and Director, Legal Clinic
Dr. Lenny Ngcongco, Department of History
Professor John S. Nkoma, Dean, Faculty of Science
Dr. Sheila Dinotshe Tlou, Head, Department of Nursing Education
Dr. Balefi Tsie, Department of Public Administration and Political Science
Professor F.P. Vanqa, Dean, Faculty of Education

University of Dar es Salaam

Ms. Theodora Bali, Assistant Dean of Students
Dr. Eustace Gondwe, Director, Bureau of Industrial Cooperation (BICO)
Professor A.G. Ishumi, Director, Postgraduate Studies
Dr. Y. Kihore, Institute of KiSwahili Research
Mrs. T. Kihunrwa, Staff Development Office
Ms. Gloria Mahende, Computer Centre
Dr. Paul Manda, Senior Librarian
Professor P.N. Materu, Dean, Faculty of Engineering
Mr. J. Mgandu, Department of Arts, Music and Theatre
Professor Daniel J. Mkude, Acting Vice Chancellor
Mr. Y. Msanjila, Institute of KiSwahili Research
Ms. Grace Mshigeni, Cooperation and Links Project Office
Dr. Beda Mutagahywa, Director, Computer Centre
Dr. Mwansoko, Senior Research Fellow, Institute of KiSwahili Research
Dr. W. Segu, Land Surveying, Faculty of Engineering
Dr. Imani Swilla, Department of Foreign Languages
Dr. Felicien Sosthenes Tungaraza, Department of Sociology

University of Namibia

Dr. Erika Maass, Dean, Science Faculty
Professor Keto E. Mshigeni, Pro Vice Chancellor, Academic Affairs and Research
Itah Kandjii-Murangi, Director of the International and Public Affairs Unit, Vice Chancellor's Office
Ms. Rhonda Howreid, International and Public Affairs Unit
Professor Barnabas Otaala, Acting Pro Vice Chancellor, Dean, Faculty of Education
Victor L. Tonchi, Department of Political and Administrative Studies

University of Swaziland

Dr. Irma Allen, Technical Advisor
Professor Barnabas Dlamini, Pro Vice Chancellor
Dr. Nester Dlamini, Faculty of Education

Professor M. A. Khan, Dean, Faculty of Commerce
Dr. Greenman Masina, Crop Production, Faculty of Agriculture
Mr. Musa Ndabandaba, Faculty of Commerce
Ms. Patience Ndabandaba, Office of the Registrar
Mr. Joshua Ndzabekelwako, Faculty of Education
Mrs. Dunsile Nkambule, Faculty of Commerce

University of Zimbabwe

Mr. I.M. Acho, Department of Mathematics
Dr. Xavier Carelse, Physics Department
Dr. Oswald Chinyamakobvu, Metallurgy, Faculty of Engineering
Dr. Ben N. Dube, Department of Biological Sciences
Professor Heneri Amos Mumira Dzinotyiweyi, Dean, Faculty of Science
Ms. Gambahaya, Chairperson, African Language and Literature, Faculty of Arts
Mr. Mike Grant, Civil Engineering, Faculty of Engineering
Professor F.W. Graham Hill, Pro Vice Chancellor
Professor Emmanuel G. Hove, Chairman, Chemistry Department
Mrs. E. Keogh, Chairperson, Department of Statistics
Mrs. Madzivere, Rehabilitation Department, Medical School
Mr. Maponga, Institute of Mining Research
Dr. Lillian Marovatsanga, Head, Institute of Food and Nutrition, Faculty of Science
Dr. Mr. Pedzisai Mashiri, African Language and Literature, Faculty of Arts
Dr. Bubuya Masola, Chairman, Biochemistry Department
Mr. Clive Masterson, Land Survey, Faculty of Engineering
Mr. Matanhire, Department of Business Studies
Dr. Alois Mlambo, Chairman, Economic History Department, Deputy Dean, Faculty of Arts
Dr. Jacob Mufunda, Dean, Faculty of Medicine
Dr. Marjorie Mujaji, Physics Department
Mr. Wilfred M. Mukondiwa, Deputy Registrar Academic
Dr. Ndiweni, Deputy Dean, Veterinary Science
Dr. Munhuweyi Peresuh, Dean, Faculty of Education
Dr. James Murombedzi, Centre for Applied Social Sciences (CASS), Faculty of Social Sciences
Professor Marshall Murphree, Director, CASS, Faculty of Social Sciences
Dr. Mutangadura, Chairman, Physics Department
Mr. Muzamani, Dean, Faculty of Commerce
Dr. Albert Natsa, Department of Curriculum Studies, Faculty of Education
Mr. L.N. Ndlovu, Department of Rural and Urban Planning
Dr. Lindela R. Ndlovu, Dean, Faculty of Agriculture
Mr. George E. Okecha, Department of Mathematics
Ms. Sindiso Silamba, Senior Assistant Registrar Admissions
Dr. Idah Sithole, Biochemistry Department
Dean Peter Slater, Faculty of Engineering
Professor A.G.R. Stewart, Department of Mathematics
Professor Sam Abel Tswana, Chairman, Department of Medical Microbiology
J.G. Voss, Mining Engineering, Faculty of Engineering
Mr. Zimyuna, English Department
Mr. Lazarus Zanamwe, Geography Department
Mr. Lovemore Zinyama, Geography Department

XI. U.S. LINKAGES WITH SOUTHERN AFRICAN INSTITUTIONS

(If multiple linkages, please photocopy this two-page form and use a separate form for each linkage)

1) With what **southern** African tertiary institution(s) ☐ have you already established or ☐ are you planning to establish an institutional linkage? ***Please note**: This questionnaire includes all the SADC countries **(except South Africa)**---Angola, Botswana, Lesotho, Malawi, Mauritius, Mozambique, Namibia, Swaziland, Tanzania, Zambia and Zimbabwe.*

Southern African institution:
Contact name and title:
Address:
Country:
Tel: Fax: e-mail:

2) How would you describe the linkage type? (*Check more than one if applicable.*)

☐ faculty exchange
☐ student exchange
☐ administrative exchange
☐ visiting scholar
☐ library exchange
☐ distance education
☐ post-doctoral study
☐ internship program
☐ collaborative research
Other_____

3) What are the main academic fields involved (*please list any more definite information under each main field checked; e.g., Education--curriculum development; Health--nutrition. Check more than one if applicable*):

☐ education _____
☐ health _____
☐ business _____
☐ public administration _____
☐ agriculture & natural resources _____
☐ international studies _____
☐ law _____
☐ science _____
Other_____
Other_____

4) Please list the names of **southern** African faculty members (or graduate students) who have spent a month or more on your campus through one of these institutional linkages and have returned home. Please provide their current contact information so that we may contact them in southern Africa. (***This preliminary information is critical for the next field phase of the project. Please continue this list on a separate sheet of paper***)

Faculty member's name and title:
Organisation:
Address:
Country:
Tel: Fax: e-mail:

Graduate student's name and title:
Organisation:
Address:
Country:
Tel: Fax: e-mail:

5) To update Working Paper Number 28, *Linkages at the Tertiary Level between U.S. & South African Institutions*, please indicate if you have **formalized** a cooperative agreement with a **South** African tertiary institution since that publication was produced in December 1994.

South African institution:
Contact name and title:
Address:

Tel: Fax: e-mail:

6) To enable us **to identify linkage models** that include mechanisms to support and sustain the linkages once the initial investment by outside donors has ended, please indicate if your institution or your southern African partner institution has developed any such mechanism(s) and describe briefly. [*We will seek more detail on these models through field interviews and focus group discussions. This preliminary information is critical to the success of the project.*]

_____

_____

_____

_____

_____

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_____

_____

_____

_____

_____

_____

Contact information for respondent:

Name:
Title:
Institution:
Address:

Tel: Fax: e-mail:

Aside from yourself, who is the one individual (and department) at your institution most informed about linkages in southern Africa?_____

Please fax the completed questionnaire to:

Ann McKinstry Micou, Director, Southern African Information Exchange
Institute of International Education, 809 United Nations Plaza, New York, New York 10017-3580
(tel) 212 984 5364; (fax) 212 984 5452; (e-mail) amicou@iie.org

XII. SOUTHERN AFRICAN LINKAGES WITH U.S. INSTITUTIONS

(If you have multiple linkages, please photocopy this two-page form and use one form for each linkage.)

1) With what **U.S.** tertiary institution(s) ☐ have you already established or ☐ are you planning to establish an institutional linkage?

U.S. institution:
Contact name and title:
Address:
Country:
Tel: Fax: e-mail:

2) How would you describe the linkage type? (*Tick more than one if applicable.*)

☐ faculty exchange
☐ student exchange
☐ administrative exchange
☐ visiting scholar
☐ library exchange
☐ distance education
☐ post-doctoral study
☐ internship program
☐ collaborative research
Other_____

3) What are the main academic fields involved (*please list any more definite information under each main field checked; e.g., Education--curriculum development; Health--nutrition. Tick more than one if applicable.*):

☐ education _____
☐ business _____
☐ agriculture & natural resources _____
☐ law _____
Other_____

☐ health _____
☐ public administration _____
☐ international studies _____
☐ science _____
Other_____

4) Please list the names of your faculty members (or graduate students) who have spent a month or more on a U.S. campus through one of these institutional linkages and have returned home. Please provide their current contact information so that we may contact them in southern Africa. (***This preliminary information is critical for the next field phase of the project. Please continue this list on a separate sheet of paper***):

Faculty member's name and title:
Address:
Country:
Tel: Fax:

Graduate student's name and title:
Address:
Country:
Tel: Fax:

6) To enable us **to identify linkage models** that include mechanisms to support and sustain the linkages once the initial investment by outside donors has ended, please indicate if your institution or your U.S. partner institution has developed any such mechanism(s) and describe briefly. (***We will seek more detail on these models through field interviews and focus group discussions. This information is critical for the next stage of the project.***)

_____

_____

_____

_____

_____

_____

7) Please indicate below the **South African** tertiary institutions with which you have relationships, exchanges, or linkages, no matter how preliminary: (*Use additional page if necessary*)

South African institution:
Contact name and title:
Address:
Country:
Tel: Fax: e-mail:

Contact information for respondent:

Name:
Title:
Institution:
Address:
Tel: Fax: e-mail:

Aside from yourself, who is the one individual (and department) at your institution most informed about U.S. linkages?

_____
(name) (title) (department)

Please indicate below whether it would be convenient for your institution to participate in the next phase of the project, which might involve a visit by IIE's SAIE Director in October 1995.

☐ Yes, it would be convenient ☐ No, it would not be convenient

Please fax the completed questionnaire to:

Ann McKinstry Micou, Director, Southern African Information Exchange
Institute of International Education
809 United Nations Plaza, New York, New York 10017-3580
(tel) 212 984 5364; (fax) 212 984 5452; (e:mail) amicou@iie.org

XIII. SOUTH-SOUTH LINKAGES, EXCHANGES, OR COOPERATIVE RELATIONSHIPS

(If you have multiple linkages with southern African institutions, please photocopy this two-page form and use one form for each relationship. The countries included in this survey are Angola, Botswana, Lesotho, Malawi, Mozambique, Namibia, Swaziland, Tanzania, Zambia & Zimbabwe.)

1) With what **southern** African tertiary institution(s) [outside of South Africa itself] ☐ have you already established or ☐ are you planning to establish a relationship, linkage, or exchange?

Southern African institution:
Contact name and title:
Address:
Country:
Tel: Fax: e-mail:

2) How would you describe the linkage type? (*Tick more than one if applicable.*)

☐ faculty exchange
☐ student exchange
☐ administrative exchange
☐ visiting scholar
☐ library exchange
☐ distance education
☐ post-doctoral study
☐ internship program
☐ collaborative research
Other_____

3) What are the main academic fields involved (*please list any more definite information under each main field checked; e.g., Education--curriculum development; Health--nutrition. Tick more than one if applicable.*):

☐ education _____
☐ health _____
☐ business _____
☐ public administration _____
☐ agriculture & natural resources _____
☐ international studies _____
☐ law _____
☐ science _____
Other_____
Other_____

4) What are the sources of funding for this linkage, relationship, or exchange?

☐ South African trusts ☐ U.S. foundations
☐ Business ☐ Government ☐ Other_____

5) Since the exchange or relationship began, how many individuals have traveled each way related to there exchanges?

From your institutions to theirs in [name country]_____ Number ____

From their institution to yours in South Africa Number_____

6) What is the main benefit (s) for your institution that you hope to derive from this relationship(s)?

7) What have been the main constraints or problems in establishing and/or sustaining these linkage or exchange programmes?

Contact information for respondent:

Name:
Title:

Institution:

Address:

Tel: Fax: e-mail:

Aside from yourself, who is the one individual (and department) at your institution most informed about linkages with southern African institutions?

_____

(Name) (Title) (Department)

Please fax the completed questionnaire to:

Ann McKinstry Micou, Director, Southern African Information Exchange
Institute of International Education
809 United Nations Plaza, New York, New York 10017-3580
(tel) 212 984 5364; (fax) 212 984 5452; (e:mail) amicou@iie.org

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